

AD-A159 607

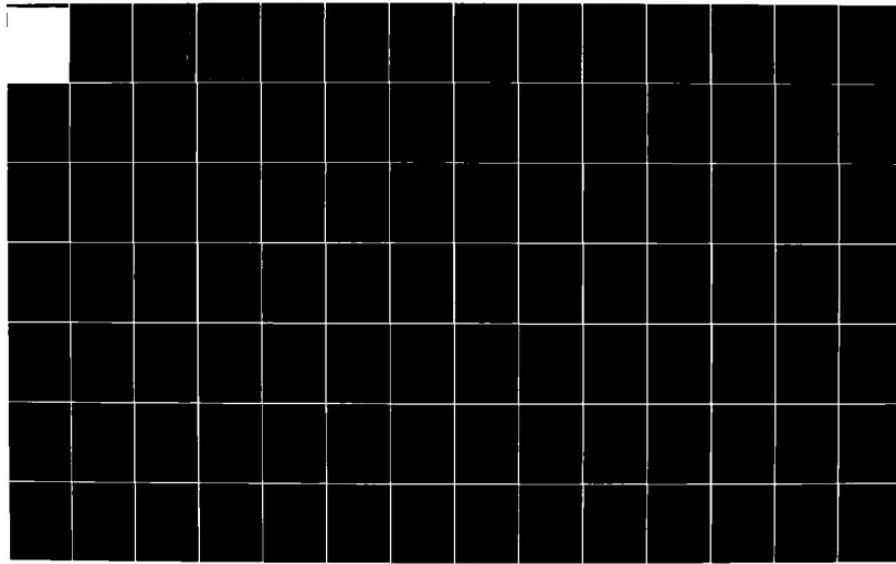
TAHITI ISLAND PACIFIC LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARY (LISO.) (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 85

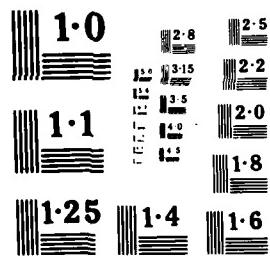
UNCLASSIFIED USAFETAC/DS-85/049

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AD-A159 607

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Air Weather Service ( MAC )

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"LIMITED SURFACE OBSERVATIONS"  
CLIMATIC SUMMARY "LISOCS"

TAHITI ISLAND PACIFIC  
S 17 33 W 149 37 ELEV: 7 FT

MSC #919380  
NTTA

PARTS A-F HOURS SUMMARIZED: 02,05,08,11  
14,17,20,23 LST:

PERIOD OF RECORD:  
HOURLY OBSERVATIONS: JUN 75 - MAY 85  
SUMMARY OF DAY DATA: NONE:

TIME CONVERSION GMT TO LST: -10

06 SEP 1985

DTIC  
ELECTE

OCT 2 1985

S D  
B

FEDERAL BUILDING  
ASHEVILLE, N. C.

"Approved for public release;  
Distribution Unlimited."

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**REVIEW AND APPROVAL STATEMENT**

This report is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

FOR THE COMMANDER

*Wayne E. McCollom*

WAYNE E. MCCOLLOM  
Chief, Document Research Section  
USAFETAC/LDX

**UNCLASSIFIED**

SECURITY CLASSIFICATION OF THIS PAGE

**REPORT DOCUMENTATION PAGE**

1a. REPORT SECURITY CLASSIFICATION Unclassified		1b. RESTRICTIVE MARKINGS							
2a. SECURITY CLASSIFICATION AUTHORITY		3. DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution unlimited.							
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE									
4. PERFORMING ORGANIZATION REPORT NUMBER(S) USAFETAC/DS-85/049		5. MONITORING ORGANIZATION REPORT NUMBER(S) USAFETAC/DS-85/049							
6a. NAME OF PERFORMING ORGANIZATION USAFETAC/OL-A	6b. OFFICE SYMBOL (if applicable)	7a. NAME OF MONITORING ORGANIZATION USAFETAC							
6c. ADDRESS (City, State, and ZIP Code) Federal Building Asheville, NC 28801		7b. ADDRESS (City, State, and ZIP Code) Scott AFB, IL 62225-5438							
8a. NAME OF FUNDING/SPONSORING ORGANIZATION	8b. OFFICE SYMBOL (if applicable)	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER							
8c. ADDRESS (City, State, and ZIP Code)		10. SOURCE OF FUNDING NUMBERS <table border="1"><tr><td>PROGRAM ELEMENT NO.</td><td>PROJECT NO.</td><td>TASK NO.</td><td>WORK UNIT ACCESSION NO.</td></tr></table>		PROGRAM ELEMENT NO.	PROJECT NO.	TASK NO.	WORK UNIT ACCESSION NO.		
PROGRAM ELEMENT NO.	PROJECT NO.	TASK NO.	WORK UNIT ACCESSION NO.						
11. TITLE (Rank/Grade Security Classification) <b>TAHITI ISLAND PACIFIC</b> (LISOCs) (Unclassified)									
12. PERSONAL AUTHOR(S)									
13a. TYPE OF REPORT Data Summary	13b. TIME COVERED FROM JUN 75 TO MAY 85	14. DATE OF REPORT (Year, Month, Day) SEP 85	15. PAGE COUNT 120						
16. SUPPLEMENTARY NOTATION									
17. COSATI CODES <table border="1"><tr><th>FIELD</th><th>GROUP</th><th>SUB-GROUP</th></tr><tr><td>04</td><td>02</td><td></td></tr></table>		FIELD	GROUP	SUB-GROUP	04	02		18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) *climatology *weather Meteorological conditions (continued over)	
FIELD	GROUP	SUB-GROUP							
04	02								
19. ABSTRACT (Continue on reverse if necessary and identify by block number) A statistical data summary of surface weather observation climatology for: <b>TAHITI ISLAND PACIFIC</b> This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.									
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS		21. ABSTRACT SECURITY CLASSIFICATION Unclassified							
22a. NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield		22b. TELEPHONE (Include Area Code) (611) 256-2625	22c. OFFICE SYMBOL USAFETAC/LDD						

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted.  
All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

**UNCLASSIFIED**

**UNCLASSIFIED**

18. Subject terms cont.

winds	precipitation	temperature	visibility
barometric pressure		relative humidity	
sky cover		psychrometric data	ceiling

Limited Surface Observations Climatic Summary  
LISOCS

TAHITI ISLAND PACIFIC

SOCIETY ISLAND

PF 919380

**UNCLASSIFIED**

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



A-1

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THIS LISGCS WAS PRODUCED USING DATA OBTAINED FROM INDIGENOUS OBSERVATIONS TRANSMITTED OVER WEATHER COMMUNICATION NETWORKS. FORM 10/10A (OR THEIR EQUIVALENT) WERE NOT AVAILABLE TO CHECK DATA ACCURACY. HOWEVER, INTER AND INTRA OBSERVATIONAL CONTINUITY AND CONSISTENCY CHECKS WERE CONDUCTED BY PROCESSING THE DATA THROUGH OUR AUTOMATED QUALITY ASSURANCE PROCEDURES. THESE SUMMARIES ARE CONSIDERED ACCURATE AND REPRESENTATIVE WITHIN DATA AVAILABILITY LIMITATIONS.

THE AVAILABLE DATA FOR SUMMARIZATION CONSISTED ONLY OF 3-HOURLY SYNOPTIC OBSERVATIONS, I.E., 02, 05, 08, 11, 14, 17, 20, 23. THEREFORE, THE 3-HOURLY TIME GROUP CONSISTS OF ONE OBSERVATION ONLY, E.G., THE 00-02 LST TIME GROUP CONTAINS ONLY THE AVAILABLE 02 LST OBSERVATION. THESE SUMMARIES, THEREFORE, ARE BASED ON MUCH LOWER THAN NORMAL OBSERVATION COUNTS. NOTE THAT OBSERVATION COUNTS LESS THAN 50 IN ANY TIME GROUP INDICATE MISSING OBSERVATIONS. ALL USERS MUST CAREFULLY CONSIDER THESE OBSERVATION COUNTS WHEN USING THE SUMMARIZED DATA TO ARRIVE AT MEANINGFUL AND REPRESENTATIVE CONCLUSIONS.

NO EXTREME DATA IS INCLUDED IN THIS LISGCS BECAUSE:

NO FORMS 10/10A WERE AVAILABLE TO OBTAIN THIS DATA.

SUMMARY OF DAY DATA IS NOT TRANSMITTED OVER THE WEATHER COMMUNICATIONS NETWORK.

WITH ONLY 3-HOURLY OBSERVATIONS AVAILABLE FOR SUMMARIZATION, THE HOURLY OBSERVATIONS COULD NOT BE USED TO EXTRACT EXTREME VALUES.

WE RECOMMEND THAT THESE SUMMARIES NOT BE GIVEN TO CUSTOMERS WITHOUT INTERPRETATION BY A METEOROLOGIST.

OPERATING LOCATION "A"  
USAFTAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARIES  
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description precedes each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

## STATION LOCATION AND INSTRUMENTATION HISTORY

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

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NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

✓  
WEATHER CONDITIONS

919380 TAHITI ISLAND STATION NAME 76-85 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02	1.3	9.8				9.8						297
	03-05	1.0	10.5				10.5	.3				.3	295
	06-08	1.0	9.1				9.1	.3				.3	296
	09-11	.3	9.8				9.8	.3				.3	296
	12-14	1.3	13.3				13.3						301
	15-17	1.7	9.1				9.1		.7			.7	296
	18-20	1.7	10.8				10.8						296
	21-23	1.9	8.9				8.9						269
TOTALS													
		1.3	10.2				10.2	.1	.1			.2	2346

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

919380 TAHITI ISLAND STATION NAME 76-85 YEARS FEB MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

		THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	1.1	6.2				6.2						275
	03-05	1.5	4.9				4.9						264
	06-08	1.1	5.4				5.4						276
	09-11	1.1	6.5				6.5	.4				.4	263
	12-14	2.2	10.7				10.7						271
	15-17	3.0	9.8				9.8						265
	18-20	1.5	8.9				8.9						270
	21-23	2.5	8.6				8.6						244
		1.8	7.6				7.6	.1				.1	2128

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
 MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5				1.0							1.4	11.0
NNE	.5	1.4	1.7	2.0	1.7							7.1	11.3
NE	1.7	6.1	4.1	3.4								15.3	7.6
ENE	4.8	8.2	4.8	3.1								20.7	6.3
E	12.6	12.2	1.0	.7								26.5	3.7
ESE	4.4	2.7										7.1	3.0
SE	1.0	1.7										2.7	3.5
SSE	4.1	1.7	.7	.3								6.8	4.2
S	1.7	1.0	.3									3.1	3.8
SSW													
SW													
WSW													
W		.7		.3								1.0	7.7
NNW			.7	.3								1.0	9.7
NW			.3		.3							.7	14.5
NNW				1.0								1.0	12.3
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	5.4	////
TOTALS	30.6	36.1	13.6	12.2	2.0							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	.7	.3	.7								2.4	11.6
NNE	1.0	3.0	2.4	1.4	.7							8.4	8.2
NE	1.7	5.4	5.1	4.4								16.6	8.2
ENE	3.0	7.1	3.4	2.4	.3							16.2	6.6
E	12.8	11.1	1.4	.3								25.7	3.7
ESE	4.7	3.7										8.4	3.2
SE	2.0	.3										2.4	2.6
SSE	4.4	2.7		.3								7.4	3.5
S	.3	.3	.3									1.0	5.7
SSW		.7										.7	9.0
SW													
WSW													
W		.3										.3	10.0
NNW		.3	.3	.3								1.0	9.3
NW		.7			.3							1.0	10.3
NNW		.3										.3	3.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	8.1	/
TOTALS	30.4	35.5	14.5	9.5	2.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 296

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

✓  
**WEATHER CONDITIONS**

919380 TAHITI ISLAND STATION NAME 75-85 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL	1.3	10.2				10.2	.1	.1			.2	2346
FEB		1.8	7.6				7.6	.1				.1	2128
MAR		.7	5.4				5.4	.2	.1			.2	2358
APR		1.2	5.2				5.2	.1				.1	2273
MAY		.3	2.6				2.6		.1			.1	2374
JUN		.2	2.0				2.0		.1			.1	2226
JUL		.1	2.8				2.8	.1	.1			.1	2280
AUG			1.5				1.5	.1	.0			.1	2332
SEP		.1	2.7				2.7	.1	.1			.2	2255
OCT		.3	3.3				3.3						2379
NOV		1.5	6.7				6.7	.1	.1			.2	2293
DEC		1.0	10.1				10.1	.0				.0	2362
Total		.7	5.0				5.0	.1	.1			.1	27606

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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✓  
WEATHER CONDITIONS

919380  
STATION

TAHITI ISLAND

STATION NAME

75-84

YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST <sup>1</sup>	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR. DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02	2.0	10.6				10.6						303
	03-05	1.0	10.7				10.7						299
	06-08	.3	10.8				10.8						297
	09-11	.3	9.4				9.4						298
	12-14	1.3	9.7				9.7						299
	15-17	1.7	9.1				9.1	.3				.3	298
	18-20	1.0	9.6				9.6						303
	21-23		10.6				10.6						265
<hr/>													
TOTALS		1.0	10.1				10.1	.0				.0	2362

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## **WEATHER CONDITIONS**

919380

TAHITI ISLAND

STATION NAME

75-84

**YEARS**

**NOV**  
**MONTH**

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02	2.7	8.2				8.2	.3				.3	292
	03-05	2.1	6.3				6.3	.3				.3	287
	06-08	.3	4.5				4.5						287
	09-11	.7	4.5				4.5	.3				.3	290
	12-14	.3	6.8				6.8						292
	15-17	.7	6.7				6.7						284
	18-20	1.4	9.2				9.2	.3				.3	294
	21-23	3.7	7.5				7.5						267
TOTALS		1.5	6.7				6.7	.1	.1			.2	2293

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## WEATHER CONDITIONS

919380  
STATIO

TAHITI ISLAND

STATION NAME

75-84

YEARS

OCT  
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF CBS WITH CBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.3	4.0				4.0						302
	03-05	.3	4.0				4.0						298
	06-08	.7	3.4				3.4						296
	09-11		3.0				3.0						301
	12-14		3.6				3.6						304
	15-17	.3	1.7				1.7						300
	18-20	.3	2.6				2.6						303
	21-23	.4	4.0				4.0						275
<hr/>													
TOTALS			.3	3.3			3.3						2379

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## **WEATHER CONDITIONS**

919380 TAHITI ISLAND 75-84 YEARS SEP  
STATION STATION NAME MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		2.8				2.8	.4				.4	285
	03-05		2.5				2.5	.4				.4	279
	06-08	.3	3.4				3.4						295
	09-11		1.7				1.7						287
	12-14		3.1				3.1	.3				.3	288
	15-17	.4	2.8				2.8	.4				.4	281
	18-20		2.1				2.1	.3				.3	290
	21-23		3.2				3.2						250
<hr/>													
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TOTALS			.1	2.7			2.7	.1	.1			.2	2255

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## WEATHER CONDITIONS

**919380** **TAHITI ISLAND** **STATION** **STATION NAME**

75-84

—YEARS

~~AUG  
MONTH~~

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR. DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		.3				.3	.3			.3	.3	296
	03-05		1.0				1.0						288
	06-08		1.0				1.0						296
	09-11		2.4				2.4						296
	12-14		1.3				1.3		.3		.3	.3	302
	15-17		2.0				2.0						296
	18-20		3.0				3.0						301
	21-23		.8				.8	.4			.4	.4	257
TOTALS			1.5				1.5	.1	.0			.1	2332

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## **WEATHER CONDITIONS**

919380  
STATION

## TAHITI ISLAND

STATION NAME

75-89

YEARS

JUL  
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS EST.	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		1.8				1.8		.4			.4	279
	03-05		4.7				4.7						277
	06-08		3.4				3.4						291
	09-11		.3	3.0			3.0						298
	12-14		3.1				3.1						293
	15-17		.3	1.4			1.4		.3			.3	289
	18-20		2.7				2.7						299
	21-23		2.3				2.3	.4				.4	259
<hr/>													
TOTALS			.1	2.8			2.8	.1	.1			.1	2280

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

919380  
STATION

**TAHITI ISLAND**

STATION NAME

75-84

**YEARS**

JUN  
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.4	1.4				1.4		.4			.4	283
	03-05	.4	.4				.4		.4			.4	280
	06-08		3.5				3.5						289
	09-11		.7				.7						284
	12-14	.3	2.7				2.7						292
	15-17		1.1				1.1						281
	18-20	.3	2.1				2.1						288
	21-23	.4	3.9				3.9						229
TOTALS			.2	2.0			2.0		.1			.1	2226

**GLOBAL CLIMATOLOGY BRANCH  
USAFTAC  
AIR WEATHER SERVICE/MAC**

## **WEATHER CONDITIONS**

**919380** **TAHITI ISLAND** STATION NAME  
STATION

76-85

—YEARS

MAY  
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS LISTED	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		3.6				3.6						302
	03-05		2.1				2.1						292
	06-08	.3	3.3				3.3		.3			.3	304
	09-11	.7	2.7				2.7		.3			.3	298
	12-14	.7	2.7				2.7						301
	15-17		2.7				2.7						299
	18-20		1.7				1.7						302
	21-23	.4	1.8				1.8						276
TOTALS			.3	2.6			2.6		.1			.1	2379

GLOBAL CLIMATOLOGY BRANCH  
USAFC-TAC  
AIR WEATHER SERVICE/MAC

## **WEATHER CONDITIONS**

**919380** **TAHITI ISLAND** STATION NAME

76-85

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**YEARS**

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	1.7	4.4				4.4						295
	03-05	.4	5.1				5.1	.4				.4	274
	06-08	1.1	5.7				5.7						283
	09-11	.7	5.9				5.9						288
	12-14	1.0	6.2				6.2						291
	15-17	1.4	5.2				5.2						287
	18-20	2.1	4.8				4.8	.3				.3	292
	21-23	.8	4.2				4.2						263
TOTALS		1.2	5.2				5.2	.1				.1	2273

GLOBAL CLIMATOLOGY BRANCH  
USAFC-FAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

919380 TAHITI ISLAND 76-85 MAR  
STATION STATION NAME YEARS MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02	.3	5.0				5.0	.3				.3	298
	03-05	.3	3.7				3.7	.3				.3	297
	06-08	.3	6.0				6.0						301
	09-11	.3	5.3				5.3						304
	12-14	1.4	8.5				8.5	.3				.3	293
	15-17	1.4	7.2				7.2	.3				.3	292
	18-20	1.0	4.0				4.0	.3				.3	303
	21-23	.7	3.7				3.7	.4				.4	270
<hr/>													
<hr/>													
<hr/>													
TOTALS			.7	5.4			5.4	.2	.1			.2	2358

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	.7	.3	1.7	.3	.3						5.1	9.1
NNE	3.4	3.7	4.4	2.7	1.0	.3						15.5	8.3
NE	3.7	6.8	8.4	5.4	1.0							25.3	8.1
ENE	1.7	3.0	3.7	3.7								12.2	8.1
E	3.0	1.0	1.0									5.1	3.5
ESE		.7										.7	5.0
SE	.3	.7		.3								1.4	5.5
SSE	1.0	2.4										3.4	3.8
S	1.7	3.7	.3	.3								6.1	4.7
SSW	2.7	3.4										6.1	3.8
SW	2.0	.3										2.4	2.7
WSW	1.4	.3										1.7	2.4
W	1.4	.3	.3									2.0	3.3
WNW	1.0		.3									1.4	4.0
NW	.7	.3		.7								1.7	7.2
NNW	.7	.7	1.0									2.4	5.9
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.8	/
TOTALS	26.4	28.0	19.9	14.9	2.4	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
 MONTH: JAN      HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.1	2.7	2.4	.7								8.8	9.3
NNE	.7	1.0	6.8	10.5	2.7	.7						22.4	12.4
NE	.3	.7	6.1	12.9	2.7	.3						23.1	12.6
ENE		.7	2.0	1.4	.3							4.4	10.3
E		1.0		1.0								2.0	8.2
ESE													
SF													
SSE	1.0	.7	.7	.3	.1							3.1	7.6
S	.7	3.7	2.0	.3								6.8	6.5
SSW	.7	4.1	2.7									7.5	6.0
SW	1.0	3.4	1.4									5.8	5.2
WSW	.3	2.4	.3									3.1	5.0
W	2.0	3.7										5.8	4.0
WNW	.3	1.0										1.4	4.3
NW		1.0	.3	.3	.3							2.0	8.0
NNW	1.0	1.4	1.0		.3							3.7	6.3
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	.3	/
TOTALS	8.1	27.8	26.1	29.2	7.5	1.0						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 419380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	2.3	2.3	3.0	1.0	.3					9.6	10.3
NNF	.7	3.3	7.3	10.3	3.3	.3					25.2	11.8
NE		2.7	5.3	8.3	2.0						18.3	11.3
ENE	.3	1.7	2.0	3.0	.3						7.3	10.4
E		.7	1.0	.3							2.0	7.7
ESE	.7	.3									1.0	3.0
SE		.3									.3	4.0
SSE		.7	1.3	.7							2.7	9.3
S	.3	1.7	3.0	.3							5.3	7.4
SSW		2.3	2.3	1.3							6.0	7.8
SW	.3	4.3	1.3								6.0	5.4
WSW	.3	3.0	.7	.3							4.3	5.4
W		1.7	.7	.3							2.7	6.9
WNW	.7	1.0									1.7	4.0
NW	.7	1.3	1.7								3.7	6.1
NNW	.7	2.0	1.0		.3						4.0	6.4
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	/	/
TOTALS	5.3	29.2	29.9	27.9	7.0	.7					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 331

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.4	1.7	3.7		.7						8.5	10.1
NNE		4.1	7.5	7.1	.3							19.0	9.9
NE	1.0	4.4	6.4	9.2	.7	.7						22.4	13.4
ENE	.7	2.4	2.7	2.7	.3							8.8	9.0
E	.3	.7	.3									1.4	4.5
ESE	1.0	.3	.3									2.0	3.5
SE													
SSE	.3	1.0	.7	.3								2.4	6.6
S	.3	3.1	2.0	1.7								7.1	7.5
SSW	1.0	4.4	.7									6.4	5.1
SW	.7	2.0	.7	.3								3.7	5.7
WSW			.3									.3	4.0
W	1.0	2.4			.3							4.1	5.3
WNW	.7	.7	.3									1.7	5.0
NW	1.0	2.0	1.4	1.4								6.1	6.7
NNW	1.0	2.0	.7	.3								4.1	5.8
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	2.0	/
TOTALS	11.5	31.2	25.4	26.8	1.7	1.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919360 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.4	.7	.7								3.4	6.9
NNE	1.0	3.7	2.0	3.1	.7							10.5	8.5
NE	1.0	8.5	4.8	2.7	.7							17.7	7.4
ENE	5.1	5.8	4.4	4.1	.3							19.7	6.9
E	8.8	8.2										17.0	5.4
ESE	.7	.3										1.0	3.0
SE	.3	1.4	.7									2.4	5.6
SSE	2.4	4.4		.3								7.1	4.2
S	.7	2.4										3.1	4.1
SSW	.3											.3	2.0
SW	1.0	.3										1.4	2.8
WSW		.7										.7	5.5
W		1.7	.3									2.0	5.2
WNW	.3	.7										1.0	3.7
NW	1.0	.7		.7								2.4	6.6
NNW		.7	.3	1.7	.3	.3						3.4	12.8
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	6.9	/
TOTALS	23.5	40.8	13.3	13.3	2.0	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
USAFETAC FROM HOURLY OBSERVATIONS  
AIR WEATHER SERVICE/HAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	.4									1.5	8.3
NNE	.7	3.4	2.2	.7	.7							7.9	8.0
NE	1.9	7.5	4.1	5.6	1.1							20.2	8.8
FNE	1.9	9.4	6.0	2.6								19.9	6.6
E	14.2	9.4	2.6									26.2	3.6
ESE	3.4	1.5										4.9	2.8
SE	3.4	.7										4.1	2.8
SSE	1.5	2.2	1.1									4.9	4.9
S	.7	1.1										1.9	3.8
SSW													
SW		.7										.7	5.5
WSW													
W			.4	.4								.7	10.5
WNW		.7	.4		.4							1.5	4.8
NW			.4									.4	4.0
NNW		.4				.4						.7	10.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	4.5	/
TOTALS	29.2	37.1	16.9	9.7	2.6							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS/LST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.3	1.1	1.6	.4	.2						5.1 9.7
NNN	1.0	3.0	4.3	4.8	1.4	.2						14.6 10.3
NE	1.4	5.2	5.6	6.5	1.0	.1						19.8 9.4
ENE	2.2	4.7	3.6	2.9	.2							13.6 7.4
E	6.4	5.5	.9	.3								13.0 3.8
ESE	1.9	1.2	.0									3.1 3.1
SE	.9	.6	.1	.0								1.6 3.7
SSSE	1.8	2.0	.6	.3	.0							4.7 4.9
SSE	.8	2.1	1.0	.3								4.3 5.9
SSW	.6	1.8	.8	.2								3.4 5.7
SW	.6	1.4	.4	.0								2.5 4.9
WSW	.3	.9	.1	.0								1.3 4.7
W	.6	1.3	.3	.1	.0							2.4 5.3
WNW	.5	.5	.2	.1								1.3 5.3
NNW	.5	.8	.5	.4	.1							2.3 7.2
NNNW	.5	.9	.5	.4	.2	.0						2.5 7.7
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	/	4.4 / / / /
TOTALS	20.5	33.1	20.0	18.0	3.4	.5						100.0 6.9

TOTAL NUMBER OF OBSERVATIONS: 2338

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
 MONTH: FEB      HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.5	12.3
NNE	1.1	4.0	2.2	2.5	.7							10.5	9.4
NE	2.9	4.4	3.6	.7								11.6	5.8
ENE	6.5	6.9	1.5	1.1	.4							16.4	5.0
E	13.8	11.6										25.5	3.2
ESE	5.1	4.0										9.1	3.1
SE	5.8	.7										6.5	2.4
SSE	1.5	3.6	.4									5.5	4.5
S	1.1	.4			.4							1.8	6.8
SSW			.4									.4	14.
SW	.4			.4								.7	9.5
WSW	.4											.4	2.0
W		.4										.4	9.0
NNW													
NW	.4	.4										.7	3.5
NNW				.7	.4	.4						1.5	17.8
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.6	//////
TOTALS	39.3	36.0	8.4	5.5	2.5	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	.4	.4	.4	.4	.4					1.9	12.6
NNE	.8	2.7	1.9	1.5	.4	.4						7.6	9.1
NE	1.5	5.3	3.8	.4								11.0	5.8
ENE	7.6	9.5	1.5	1.9	.4							20.9	5.0
E	19.4	10.3		.4	.4							30.4	3.4
ESE	6.1	4.2										10.3	3.1
SE	1.9	2.3										4.2	3.2
SSE	1.5	.8										2.3	3.3
S	.8	.4	.4	.4								1.9	9.2
SSW													
SW												.4	15.0
WSW													
-													
WNW												.4	16.0
NW													
NNW												1.1	15.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.6	/
TOTALS	39.9	35.4	8.0	5.7	2.7	.8						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 253

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	1.5	.7	.7	.7							4.7	8.8
NNE	1.8	3.3	4.0	3.3	.4	.7						13.5	9.2
NE	4.0	7.3	4.0	3.3								18.6	6.5
ENE	2.2	3.3	2.9	1.1	.4							9.9	6.4
E	1.8	3.3										5.1	3.9
ESE	1.1	.4										1.5	2.8
SE	2.2	.7										2.9	2.9
SSE	1.8	3.6		.4								5.8	4.3
S	2.2	3.3			.4							5.8	4.9
SSW	1.8	1.8	.4	.7								4.7	4.9
SW	1.8	.4										2.2	2.8
WSW		.4										.4	8.0
W	1.5	.4										1.8	2.2
MNW	.7	.4										1.1	3.3
NW	.7		.4									1.1	5.0
NNW	1.5	.4	.4		.4							2.6	6.1
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	18.2	/
TOTALS	26.3	29.9	12.8	9.9	2.2	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 274

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.4	2.3	2.7	3.0	1.5	.4			10.3	11.3
NNE		3.8	4.6	8.7	.8				17.9	10.5
NE		1.1	4.6	8.4	1.5				15.6	11.7
ENE		1.1	1.1	1.9					4.2	9.6
E	.4		.4						.8	4.5
ESE										
SF		.4							.4	4.0
SSE		1.1	.8						1.9	6.4
S	.8	3.8	3.4		.4				8.4	6.9
SSW	1.5	5.7	1.9	.4					9.5	5.3
SW	1.9	6.5	.4						8.7	4.6
WSW	3.8	2.7							6.5	3.3
W	1.9	4.6	.4	.4					7.2	4.9
WNW		.8							.8	4.0
NW	.8	2.7		.4					3.8	5.1
NNW	1.1	1.5	.8	.4					3.8	6.8
VARIABLE										
CALM	/	/	/	/	/	/	/	/	.4	/
TOTALS	12.5	38.0	20.9	22.8	4.6	.8			100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 253

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	.7	3.7	4.4	1.5	.4					11.4	11.9
NNE	.4	2.2	5.9	8.1	.7						17.3	10.5
NE	.4	1.5	3.0	5.9	1.8						12.5	11.7
ENE	1.1	1.5	.7	2.6							5.9	8.9
E		.7	1.1	1.1							3.0	9.6
ESE		.4	.7								1.1	7.0
SE		.4									.4	4.0
SSE		3.0	.7	.4	.4						4.4	7.0
S		3.7	2.6	.4	.4						7.0	7.7
SSW		.4	5.9	2.6							8.9	6.0
SW		.7	5.2	3.0							8.9	5.9
WSW		.7	1.5	.4							2.6	4.6
W		2.2	3.3	.7	.4						6.6	5.1
NNW		.4	1.8	.4	.4						3.0	5.8
NW		.4	1.1		1.1						2.6	8.1
NNW		.4	1.5	.7	.4	.4					3.3	8.8
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	1.1	/
TOTALS		7.7	36.3	26.2	25.1	4.8	.7				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.4	2.3	2.7	1.5	.4	.4					7.6	9.2
NNF	.8	6.1	4.9	6.5	.8						19.0	9.1
NE	.4	3.4	4.6	6.8	.4						15.6	10.2
ENE	.8	.4	1.5	1.1		.4					4.2	9.9
E		1.5	.8	1.1							3.4	8.8
ESE												
SE	.4	.8									1.1	4.3
SSE	.4	1.9	1.9	.4							4.6	6.8
S	.8	5.3	3.0	.4	.4						9.9	6.5
SSW	1.5	3.4	2.7	.4							8.0	6.2
SW	2.3	3.0	.8								6.1	4.4
WSW	2.3	2.3	.8								5.3	4.4
W	.4	2.7	.8								3.8	5.0
WNW	.8	1.5	.4								2.7	4.1
NW	.8	.8	.8								2.3	5.0
NNW		.8	1.9	.8							3.4	8.9
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.0	/
TOTALS	11.8	36.1	27.4	18.6	2.3	.8					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	3-5	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N		.7	.4	.7	.7				2.6	11.4
NNE		.4	5.2	2.6	1.5	.4	.4		10.4	8.0
NE		2.2	5.6	3.0	2.2	.7			13.8	7.4
ENE		4.1	6.7	1.5	1.1				13.4	4.8
E		9.3	8.6	1.1					19.0	3.5
ESE		2.6	2.6						5.2	3.3
SE		3.3	2.2						5.6	3.1
SSE		3.0	1.2						8.6	4.5
S		1.5	3.3	.4					5.2	4.2
SSW		.4	1.9	.4					3.0	6.5
SW		1.1							1.1	2.0
WSW		.7	.4	.7					1.9	5.2
W		.7	.7						1.9	6.0
NNW		.4	.4	.4					1.1	6.0
NW		.4		.7	.7				2.2	11.8
NNW		.4	.4						.7	3.0
VARIABLE										
CALM	/	/	/	/	/	/	/	/	4.5	/
TOTALS	30.5	43.9	11.2	6.3	3.0	.7			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919360 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.4	1.4	.7	3.1							4.6	6.5
NNE	3.2	6.4	3.2	.7							13.5	5.5
NE	4.6	6.0	3.6	2.1							16.4	5.8
ENE	4.3	3.9	2.1	.4							10.7	4.6
E	4.6	3.6	.7								8.9	4.0
ESE	1.4	.4									1.8	2.8
SE	.7	1.4	.4								2.5	4.6
SSE	4.6	2.5	.4								7.5	3.4
S	3.6	2.5	1.8	1.1							8.9	5.2
SSW	2.5	3.9	.7								7.1	4.2
SW												
WSW	.7										.7	2.5
W		.4									.4	8.0
WNW	.7										.7	2.5
NW	.4										.4	3.0
NNW	1.1		.4	.4							1.8	7.6
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	14.2	/
TOTALS	33.8	32.0	13.9	5.7	.4						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N			.7	1.1							1.8	11.8
NNE	.7	2.9	2.6	.4							6.6	6.2
NE	2.2	6.9	1.8	.4							11.3	5.5
ENE	5.8	5.5	.7	.4							12.4	4.3
E	14.2	15.3	.7								30.3	3.6
ESE	3.3	2.9	.4								6.6	3.4
SE	4.4	4.0									8.4	3.3
SSE	2.9	2.9	.4								6.2	3.5
S	1.5	1.1	1.1	.4							4.4	8.8
SSW	.4	.4		.7							1.5	7.3
SW	.4										.4	4.0
WSW			.4								.4	13.0
W			.4								.4	10.0
NNW			.4								.4	8.0
NW												
NNW			.4								.4	10.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	8.8	///
TOTALS	35.4	42.3	9.5	3.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47		
N	.3	.3	.3							.7	11.0
NNE	.3	3.8	2.7	1.0						7.8	6.8
NE	2.7	6.5	1.7	1.0	.3					12.3	6.1
ENE	3.4	8.2	.7	.3						12.6	4.4
E	16.4	12.6	.7	.3						30.0	3.4
ESE	6.5	3.8	.3							10.6	3.2
SE	3.1	.3								3.4	2.4
SSE	3.8	2.4	.3	.3						6.8	3.9
S	.3	1.0	1.4							2.7	6.5
SSW	.7	.3	1.0	.3						2.4	7.0
SW	.3									.3	4.0
WSW											
W											
WNW											
NW			.3							.3	13.0
NNW				.3						.3	17.0
VARIABLE											
CALM	/	/	/	/	/	/	/	/	/	9.6	/
TOTALS	37.2	39.6	8.9	4.1	.7					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.9	2.1	2.3	1.2	.2	.0	.0				6.7	8.1
NNE	.6	2.8	2.9	1.7	.3						8.2	9.1
NE	1.7	3.4	2.4	2.2	.1	.0					9.8	7.4
ENE	2.5	3.8	1.4	1.0	.1	.3					9.1	6.3
E	8.0	5.9	1.2	.5	.4	.0					16.1	4.4
ESE	4.3	2.3	.3	.1							6.9	3.4
SE	2.1	1.4	.1								3.6	3.4
SSE	1.8	2.7	.6	.0			.0				5.2	4.6
S	.9	2.4	1.8	.8	.1						6.0	6.8
SSW	1.0	2.1	1.1	.3	.0						4.6	5.8
SW	.6	1.6	.5	.2							3.0	5.4
WSW	.4	.9	.5	.1							1.9	5.8
W	1.3	1.6	.6	.0							3.6	4.7
WNW	.9	.7	.3	.0							1.4	4.8
NW	.4	1.3	.1	.1	.1						2.0	5.8
NNW	.6	1.3	1.0	.3	.1						3.3	6.9
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	8.4	/
TOTALS	27.4	36.3	17.2	8.6	1.4	.4	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 2347

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.7	1.5	.4	.4	.7						3.7	6.8
NNE	.7	1.9	.4	.4	.4	.7						4.1	8.0
NE	1.9	4.5	3.0	1.1								10.4	6.8
FNE	3.7	4.5	1.1	1.1	.4	.4						11.2	6.1
E	17.8	10.8	.7									29.4	3.3
ESE	9.3	3.3		.4								13.0	3.1
SE	2.2	3.0										5.2	3.6
SSE	1.5	2.6										9.1	3.8
S	.4	2.2	.4	.4								3.3	6.0
SSW	1.1	.7										1.9	3.6
SW		.4										.4	8.0
WSW		.4	.4									.7	10.5
W		.4										.4	10.0
WNW													
NW													
NNW	.4	.4	.4									1.1	5.3
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	11.2	11.2
TOTALS	40.1	34.6	8.6	3.3	1.9	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
 MONTH: MAR      HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	.7	.7	1.0								3.0	8.1
NNE	.7	1.3	1.3									3.6	7.3
NE	2.6	4.3	2.0	1.3	.3							10.6	6.4
ENE	4.0	4.3	1.0	.3								9.6	4.3
E	12.6	9.3	1.3									23.2	3.5
ESE	6.0	3.3	.3									9.6	3.4
SE	3.6	1.7										5.3	2.9
SSE	3.6	5.6	.3									9.6	4.0
S	1.7	3.0	1.7	1.0								7.3	6.2
SSW	.7	.7	.3									1.7	4.6
SW		1.0										1.0	4.3
WSW		.7	.3									1.0	6.3
W													
NNW		1.0										1.0	4.0
NW	.7	1.3	.3	.7	.3							3.3	7.6
NNW	.7	.3	1.0	.3								2.3	7.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.9	////
TOTALS	37.4	38.4	10.6	4.6	1.0							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 332

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	4.8	3.4	1.0							9.6	6.6
NNE	.3	3.8	3.1	3.1	.7						11.0	8.8
NE	.3	4.8	2.4	2.4							9.9	7.8
FNE	.3	1.4	3.1	1.7		.3					6.8	9.4
E	1.4	2.4	2.7	1.0	.3						7.9	7.5
ESE		.3	.3								.7	7.0
SE	.7	1.0									1.7	3.8
SSE	.3	2.4	2.1			.3					5.1	7.9
S	.7	3.8	4.1	1.7							10.3	8.0
SSW	1.7	3.4	2.4	1.4							8.9	6.6
SW	1.0	1.7	.7	.3							3.8	5.5
WSW	.3	1.4	1.0								2.7	6.0
W	1.0	2.7	1.7								5.5	5.5
MNW	.7	2.1	.7								3.4	4.6
NW	1.0	2.4									3.4	4.3
NNW	1.4	1.4	3.1								5.8	6.2
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.4	/
TOTALS	11.6	39.7	30.8	12.7	1.0	.3	.3				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
 MONTH: MAR      HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.0	2.4	4.8	2.1	.3						10.7	8.5
NNE	.3	5.2	6.9	2.8	.3						15.5	8.4
NE		1.7	4.5	4.1							10.3	10.0
ENE	.3	.3	1.4	1.4							3.8	11.2
E		.7		1.7	1.7						4.1	13.9
ESE			.3								.3	10.0
SE			.3								.3	9.0
SSE	.3	.7	1.0								2.1	6.2
S	1.0	2.1	3.1	1.0	.3						7.6	7.5
SSW	1.0	5.9	1.7	1.0	.3						10.0	6.6
SW	.7	3.8	2.4	.3							7.2	5.9
WSW	1.4	3.1	.3								4.8	4.6
W	1.4	4.1	2.1								7.6	5.4
MNW	.3	2.1	1.0	.3							3.8	6.5
NW	.3	2.4	.3	.3	.3						3.8	7.2
NNW	.3	3.1	2.1	.7							6.2	6.9
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	1.7	/
TOTALS	8.6	7.6	32.4	15.9	3.4	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS/LST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.0	3.0	6.0	3.6	.3						14.2	9.7
NNE		2.0	6.0	5.0	.3						13.2	9.8
NE	.7	1.7	2.6	4.6		.3					9.9	10.3
ENE		.3	1.3	1.3	.7	.3					4.0	13.2
E	.3	.7	1.0	1.0	.7	.3					4.0	11.8
EESE												
SE		.3	.3								.7	6.0
SSE		1.3		.3							1.7	6.8
S	.3	1.7	2.3	1.3							5.6	7.8
SSW	.7	3.3	4.0	.3							8.3	6.4
SW	1.7	4.3	.3	.3							6.6	4.8
WSW	1.3	1.3	1.0	.3							4.0	5.4
W	5.0	5.0	.7								10.6	4.0
WNW	2.0	.7	.3								3.0	3.1
NW	1.0	3.6	.3								5.0	4.8
NNW	1.7	3.6	1.0	1.0	.3						7.6	6.3
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	1.7	/
TOTALS	15.6	32.8	27.2	19.2	2.3	1.0	.3				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.3	3.0	1.3	.7	.3						6.7	7.0
NNE	2.3	5.0	3.0	1.0							11.3	5.9
NE	4.0	4.0	2.0	1.3							11.3	5.3
ENE	4.7	4.7	1.0	.3	.3						11.0	4.7
E	2.3	6.0	1.7	.3	.3						10.7	5.3
ESE	1.3	.7									2.0	3.2
SE	1.0	1.3									2.3	3.6
SSE	1.7	3.0	.7								5.3	4.5
S	2.0	1.3	.7	1.0							5.0	5.5
SSW	2.0	1.7	.3								4.0	3.5
SW	1.3	1.3	.3	.3							3.3	4.9
WSW		1.0	.3								1.3	5.0
W	2.3	.7									3.0	2.6
WNW												
NW	.3	.3									.7	4.0
NNW	.3	.7	.3	.3							1.7	7.2
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	20.3	/
TOTALS	27.0	34.7	11.7	5.3	.3	.7					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORDS: 76-85  
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.3	.3	1.0								2.0	10.0
NNE		1.0	1.0	.3								2.4	7.6
NE	2.0	3.0	2.0	.7								7.7	5.7
ENE	2.4	8.1	1.3	.7								12.8	5.6
E	17.5	9.1	1.3									27.9	3.3
ESE	9.1	5.1	.3									14.5	3.2
SE	4.4	2.0										6.4	3.0
SSE	3.7	3.7	.7									8.1	3.7
S	.3	1.7	1.3									3.4	6.1
SSW	.3	.3										.7	4.5
SW		.7		.3								1.0	8.3
WSW			.3									.3	10.0
W	.3		.3									.7	7.0
WNW													
NW													
NNW												.3	19.0
VARIABLY													
CALM	/	/	/	/	/	/	/	/	/	/	/	11.8	11.8
TOTALS	40.4	35.0	8.8	3.4	.3	.3						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.7	.3									3.4	5.7
NNE		.7	2.0	1.0	.7							4.4	6.9
NE		1.7	3.4	1.0	1.7	.3						8.1	7.1
ENE		4.7	6.8	1.4	1.0							13.9	5.0
E		12.9	8.8	.3		.3						22.4	3.3
ESE		8.8	5.8	1.0	.3							15.9	3.6
SE		5.1	1.7	.3								7.1	3.3
SSE		3.1	2.4	.3								5.8	3.7
S		.3	3.7	1.0	.3							5.4	5.8
SSW			.7									1.4	3.8
SW			.3									.3	2.0
WSW				.3								.3	13.0
W			.3	.3								.7	8.0
NNW													
NW													
NNW				.7	.3		.3					1.4	10.5
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	9.5	/
TOTALS	39.3	38.0	7.5	4.4	1.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.4	.9	1.5	1.4	.8	.2					5.2	10.9
NNE	.7	4.0	3.5	4.2	.6	.3					13.3	9.4
NE	1.5	4.4	3.8	3.7	.6						14.0	8.4
ENE	3.3	4.7	1.7	1.6	.2	.0					11.5	6.0
E	7.5	5.8	.5	.3	.0						14.2	3.7
ESE	2.4	1.7	.1								4.2	3.2
SE	2.0	1.2	.0								3.3	3.0
SSE	1.2	2.8	.6	.1	.1						4.8	5.3
S	1.0	2.6	1.2	.1	.2	.0					5.3	6.3
SSW	.8	2.4	1.0	.2	.1						4.5	5.9
SW	1.1	1.9	.5	.0	.0						3.6	4.9
WSW	1.0	.8	.3								2.1	4.1
W	.8	1.5	.3	.0	.1						2.8	5.0
WNW	.3	.6	.1	.1							1.1	5.3
NW	.4	.6	.2	.3		.0					1.6	6.8
NNW	.5	.6	.5	.3	.2	.1					2.2	8.9
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	6.2	/
TOTALS	25.0	36.7	15.8	12.5	3.0	.8					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 2120

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N			.8			.4						1.2	11.7
NNE	.4	5.0	1.7	1.2	.4	.4	.8					9.5	9.7
NE	.4	6.6	3.7	1.7	.4							12.8	7.1
ENE	4.1	8.7	2.5	2.1	.4							17.8	5.9
E	16.5	10.7	.4									27.7	3.3
ESE	4.5	2.5										7.0	3.1
SE	2.5	2.5	.4									5.4	3.4
SSE	1.2	2.9	.8		.4							5.4	6.1
S	1.2	.8										2.1	3.4
SSW	.4	.8		.4								1.2	7.7
SW	.4	.4										.8	2.5
WSW													
W		.4	.4									.8	7.0
WNW													
NW													
NNW	.4		.4	.4								1.2	8.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.0	/
TOTALS	32.2	40.9	11.2	5.8	2.1	.8						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 242

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56			
N	.7	3.5	7.0	5.2									16.4	9.2
NNE	1.0	1.7	6.3	4.5	.3								13.9	9.4
NE	.3		3.5	4.5	.3								8.7	11.3
ENE			1.0	1.4									2.4	11.6
E	.3	1.0	.3	.3									2.1	6.2
ESE		.3											.3	4.0
SE		.3	.3										.7	6.0
SSE	.3	1.0	1.0	.7									3.1	7.6
S	.7	3.5	1.4	.7									6.6	7.5
SSW	2.1	7.3	1.7	1.7									12.9	5.8
SW	1.0	5.9	.7										7.7	5.0
WSW	2.4	2.1	.7										5.6	6.3
W	2.1	1.7	.3										4.2	4.2
WNW	1.4	2.8	1.0										5.9	6.4
NW	1.7	1.0											2.8	3.3
NNW	.3	2.4	1.0	.7	.3								4.9	7.5
VARIABLE														
CALM	/	/	/	/	/	/	/	/	/	/	/		1.7	/
TOTALS	14.6	34.8	26.5	19.9	1.7	.3	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	3.5	5.9	3.8	.7							14.7	9.6
NNE	.7	3.5	6.6	4.9	.7							16.4	9.7
NE		1.0	3.8	2.1	.3							7.3	9.9
ENE				.7	.7							1.4	11.0
E	.7	1.0	.7									2.4	5.0
ESE				.3								.3	7.0
SE		.3	.3									.7	8.0
SSF	.3	2.1	1.4	1.0								4.9	7.1
S	.7	3.5	3.1	1.4	.3							9.4	8.7
SSW	2.1	4.9	4.2	1.4								12.6	6.7
SW	1.0	6.3	1.7									9.1	5.3
WSW		1.7	1.7									3.5	6.6
W	.7	2.1										2.8	4.6
WNW	.3	1.4	1.0	.3								3.1	6.8
NW	1.0	1.0	1.4									3.5	5.9
NNW	.7	2.4	2.1		.7							5.9	7.5
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	1.7	/
TOTALS	9.1	35.0	35.3	15.7	2.8							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN % WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.1	3.2	5.3	1.8							11.2	7.7
NNE	1.1	3.2	4.2	4.2							12.6	8.4
NE	.7	2.8	4.6	.7							8.8	7.4
ENE		1.1	.7	1.1	.4						3.2	9.8
E	.7	1.4	.4								2.5	4.4
ESE	.4	.7			.4						1.4	9.0
SE		1.4	.4								1.8	5.4
SSF	.4	2.8	2.5	.7							6.3	7.1
S	1.4	4.2	2.8	1.4	.4						10.2	7.1
SSW	1.8	5.3	3.9	1.8							12.6	6.5
SW	1.1	2.1	.7								3.9	4.7
WSW	1.4	1.8									3.2	3.6
W	2.8	3.9	1.4								8.1	4.5
WNW	2.1	1.4	.7								4.2	4.3
NW	.7	2.5									3.2	4.6
NNW		2.1	1.4	.4							3.9	6.6
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.2	11.1
TOTALS	15.4	39.6	28.8	11.9	.7	.4					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS/LST: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	1.0	1.0								2.4	5.9
NNE	.7	3.4	2.4	1.4							7.9	7.0
NE	2.7	3.4	1.4								7.6	4.6
ENE	5.2	7.9	1.4	.3							14.8	4.5
E	11.3	11.3	1.4	.3							24.4	3.8
ESE	3.1	4.8			.3						8.2	4.3
SE	2.4	2.1									4.5	3.3
SSE	1.7	2.7	.7								5.2	4.3
S	2.7	2.1	1.7								6.5	4.5
SSW	1.4	1.0	.7								3.1	4.4
SW	.7	.3									1.0	5.3
WSW		.3									.3	7.0
W		.7	.7								1.4	6.3
WNW		.3									.3	3.0
NW												
NNW		.7	.7	.7							2.1	5.5
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	10.3	/
TOTALS	33.3	41.2	12.7	2.1	.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.4	1.9	.8								3.1	8.8
NNE	.8	1.9	3.1	.8	.4						6.9	7.5
NE	3.5	3.5	1.2	.4							8.5	4.7
ENE	7.7	5.0	2.3	.8							15.8	4.6
E	14.3	12.0	.4	.8							27.4	3.6
ESE	4.6	1.9									6.6	2.9
SE	2.3	2.3	.4								5.0	3.7
SSE	5.0	1.9	1.2								8.1	3.7
S	1.2	2.3	1.9								5.4	5.8
SSW	.8	.4	.4								1.5	6.3
SW	.4										.4	2.0
WSW												
W		.4									.4	8.0
MNW												
NW												
NNW												
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	10.8	/
TOTALS	40.5	31.3	13.1	3.9	.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 259

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.7	2.8	1.8	.1							6.9	8.7
NNE	1.1	3.4	3.9	2.3	.2							10.8	7.9
NE	2.1	3.8	2.7	1.4	.1							10.1	6.7
ENE	3.2	3.9	1.2	.7	.0							9.1	5.1
E	7.8	2.2	.7	.2								15.9	3.7
ESE	2.4	1.9	.1		.0	.0						4.5	3.7
SE	1.6	1.5	.2									3.3	3.7
SSE	2.3	2.3	1.0	.4								6.0	4.8
S	1.5	2.5	1.9	.6	.1	.0		.0	.0			6.8	6.8
SSW	1.5	2.9	1.6	.8								6.8	6.0
SW	.5	1.9	.4									2.9	5.0
WSW	.6	.7	.4	.0				.0				1.7	5.7
W	.7	1.1	.4									2.2	4.8
WNW	.6	.7	.4	.0	.1							1.9	5.7
NW	.5	.6	.2	.0								1.3	4.9
NNW	.4	1.0	.7	.2	.2							2.4	7.3
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.5	/
TOTALS	27.3	37.1	18.7	8.4	.9	.1		.1	.0			100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 2256

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.0	.3									1.3 6.8
NNE	.7	4.7	.3	.7								6.3 5.7
NE	3.3	5.3	3.3	.7								12.6 5.7
ENE	5.6	5.3	.7	.7								12.3 4.2
E	18.3	7.6	.7	.7								27.2 3.2
ESE	10.3	3.7										14.0 2.9
SE	3.7	2.7										6.3 3.2
SSE	3.0	2.0		.3								5.3 3.9
S	2.7	1.0	1.3	.7								5.6 5.6
SSW												
SW		.3										.3 4.0
WSW												
W	.3	.3										.7 3.0
WNW												
NW												
NNW		.3										.3 6.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	/	7.6 /
TOTALS	47.8	34.2	6.6	3.7								100.0 3.8

TOTAL NUMBER OF OBSERVATIONS: 71

✓  
 GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
 MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3		.3	.3								1.0 8.0
NNE		.3	.7	.3								1.4 8.3
NE	2.4	10.0	2.1	.3								14.8 5.2
ENE	4.5	6.9	1.0	.7	.3							13.4 4.9
E	18.9	10.3	.7									29.9 3.2
ESE	8.6	1.0										9.6 2.5
SE	4.1	1.7										5.8 2.9
SSE	2.1	6.2	1.4									9.6 4.5
S	1.0	2.1	.7	.3								4.1 5.0
SSW	.3											.3 3.0
SW												
WSW		.7										.7 4.0
W	.3											.3 2.0
NNW												
NW				.3								.3 13.0
NNW	.3	.3	.3									1.0 5.7
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/		7.6 //
TOTALS	43.0	39.5	7.2	2.4	.3							100.0 3.8

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	.7	.3	.3							2.0	6.2
NNE	2.0	4.3	5.3	1.0							12.7	6.6
NE	3.7	5.3	2.3	1.7							13.0	5.8
ENE	4.3	4.7	1.0	.7							10.7	4.6
E	6.3	4.3									10.7	3.1
ESE	3.7	.7	.3								4.7	2.9
SE	4.7	1.3									6.0	2.6
SSE	5.0	3.0	.7								8.7	3.3
S	2.3	3.3	1.7	.3							7.7	5.0
SSW	1.3	.3	.7								2.3	4.0
SW	.3	.3	.3								1.0	4.7
WSW	.3	.3									.7	3.0
W	.7										.7	2.0
WNW	.3										.3	1.0
NW	.3		.7								1.0	10.3
NNW		.3									.3	6.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	17.7	/
TOTALS	36.0	29.0	12.7	4.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
 MONTH: MAY      HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	3.7	2.0	3.0								10.1	7.8
NNE		.3	4.2	7.1	2.7							14.8	12.8
NE	.3	1.0	2.4	4.4	.3							8.4	11.1
ENE				.3	.3							.7	14.5
E	.7	.3										1.0	3.3
ESE													
SE	.3											.3	2.0
SSE	.3	.7	.7									1.7	6.6
S	.3	4.0	3.0	1.3								8.8	7.1
SSW	3.7	11.1	2.4									17.2	4.7
SW	2.7	5.1	1.0									8.8	4.5
WSW	4.0	2.4	1.0									7.4	4.0
W	5.1	3.0	.7									8.8	3.6
WNW	1.3	.7	.3									2.4	4.0
NW	1.3	1.3	.7									3.4	4.3
NNW	1.7	2.0	.3									4.0	4.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	2.4	////
TOTALS	23.2	35.7	19.2	16.2	3.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.3	2.7	2.0	3.3							9.4	8.7
NNE		.7	5.4	7.4	1.7	2.3					15.4	12.2
NE	.3	1.3	2.0	3.7	.7						8.0	10.9
ENE	.3	1.0	.3	1.7							3.3	9.1
E	.7	.7	.3								1.7	5.2
ESE		.3									.3	8.0
SE	.3	.3									.7	3.5
SSE	.3	.7	.7	1.0							2.7	7.8
S	1.0	3.7	1.3	1.7							7.7	7.0
SSW	1.7	6.7	2.0	2.0	.3						12.7	6.6
SW	2.0	5.0	1.3								8.4	4.8
WSW	2.3	3.7	.7								6.7	4.1
W	3.7	5.4	.3								9.4	3.9
WNW	1.0	2.0	.7								3.7	4.7
NW	1.7	1.7	1.0								4.3	4.5
NNW	1.0	2.7	1.0								4.7	5.4
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	1.0	/
TOTALS	17.7	38.1	19.1	21.1	2.7	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	2.0	2.7	2.3							7.4	8.7
NNE	.7	3.3	5.4	3.3	.3						13.0	8.8
NE	.3	3.3	4.0	3.0							10.7	8.8
ENE	.7	1.0	1.7	.7							4.0	7.8
E	2.0	.3	.3								2.7	3.4
ESE											.3	6.0
SE	.7	1.0	.3								2.0	4.8
SSE	.7	3.3	2.0	1.0							7.0	6.6
S	1.0	8.0	2.3	1.3							12.7	6.1
SSW	3.3	3.7	1.0	.7							8.7	5.1
SW	2.3	2.7	.7	.3							6.0	4.6
WSW	3.0	2.0	.7								5.7	4.0
W	2.0	2.0	1.0								5.0	4.2
NNW	1.3	2.3	.3								4.0	4.3
NW	1.0	1.3	.3								2.7	4.3
NNW	1.3	2.0	1.0	.3							4.7	5.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.3	/
TOTALS	20.7	38.8	23.7	13.0	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	1.0	.3								1.7	5.2
NNE	.3	3.0	1.7	1.0							6.0	7.1
NE	4.0	6.3	3.0	1.0							14.3	5.3
ENE	6.0	5.3	.7	.3							12.3	3.8
E	17.9	10.3	.7	.3							29.2	3.3
ESE	3.3	1.7									5.0	2.7
SE	3.7	1.7	.3								5.6	3.3
SSE	2.7	3.7	.3								6.6	4.1
S	3.0	2.3	1.3	.3							7.0	4.7
SSW	.3		.3								.7	5.0
SW	.3		.3								.7	5.5
WSW	.3	.3	.3								1.0	5.3
W	.3	1.0									1.3	3.8
WNW												
NW		.3									.3	5.0
NNW	.3	.3	.3								1.0	4.3
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	7.3	/
TOTALS	42.9	37.2	9.6	3.0							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 391

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.4	.4							.7	10.5
NNE	1.8	3.3	1.8	.4					7.2	5.7
NE	3.3	5.8	2.2	.4					11.6	5.3
ENE	6.5	3.3	1.1	.7					11.6	4.1
E	17.4	7.2	.4						25.0	3.0
FSE	7.2	1.8							9.1	2.7
SE	4.0	2.9	.4						7.2	3.4
SSE	2.9	3.3	.4						6.5	3.6
S	2.2	3.3	1.4						6.9	4.8
SSW	.4	.4							.7	3.0
SW	.4								.4	6.0
WSW										
-	.4								.4	6.0
WNW		.4							.4	7.0
NW	.4	.4	.4						1.1	6.3
NNW										
VARIABLE										
CALM	/ / / / / / / /								11.2	/ / / /
TOTALS	46.0	32.2	8.3	2.2					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	2.0	1.3	1.3	.7							6.7	8.5
NNE	.7	3.0	4.4	6.7	.3							15.1	10.0
NE	.7	2.3	2.7	4.7	2.3	.7						13.4	12.0
ENE	.3	1.3	1.0	1.7	.7							5.0	10.5
E	.3	1.0	.3	.3								2.0	7.0
ESE	.3	.7										1.0	3.7
SE		.7										.7	5.0
SSE		1.0		2.0			.3					3.4	12.4
S	.7	3.0	.7	4.7	.3							9.4	10.0
SSW	1.7	6.7	2.3	1.7								12.4	6.4
SW	1.3	4.4	1.3									7.0	5.3
WSW	2.0	3.4	.3									5.7	4.1
W	2.3	4.4	1.3									8.1	4.6
NNW	.7	1.3	.3									2.3	4.4
NW	1.0	.3		.3								1.7	6.4
NNW	.7	1.7	1.0									3.4	5.2
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/		2.7	/
TOTALS	14.1	37.2	17.1	23.2	4.7	.7	.3					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3										1.0	12.3
NNE	1.4	.3	1.4	.7							3.8	7.2
NE	3.1	2.4	4.2	2.4	.3						12.6	7.3
ENE	4.5	5.6	.7								11.2	4.4
E	12.2	6.3	.3	.7							19.6	3.5
ESE	3.5										3.5	2.1
SE	2.4	1.7									4.2	3.3
SSE	4.5	5.2	1.4	.7							12.2	5.3
S	4.9	2.4	.7	2.4							10.5	5.9
SSW	1.7	1.4	1.7	.3							5.2	5.3
SW	.3	.3		.7							1.4	8.0
WSW	.3										.3	1.0
W	.3										.3	4.0
WNW			.3	.3							.7	10.0
NW												
NNW	.3	.3	.3	.7							1.7	8.6
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	11.5	/
TOTALS	39.9	26.6	11.2	9.4	.7	.7					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4				.4							.7 8.0
NNE		.4	.7	.4	.4							1.8 9.8
NE	1.5	2.2	1.8	2.2								7.7 7.5
LNE	6.3	3.0	1.1	1.8								12.2 5.1
E	17.0	12.2	1.5	.7								31.4 3.7
ESE	8.1	4.1										12.2 3.1
SE	3.0	2.6	.7									6.3 4.1
SSE	2.2	3.7	1.1									7.0 4.4
S	.7	2.2	1.8	1.8	.4							7.0 7.9
SSW	.4	.7	.4	1.1	.4							3.0 10.0
SW	.4											.4 5.0
WSW		.4	.4									.7 10.5
W			.4									.4 12.0
WNW	.4											.4 6.0
NW			.4									.4 11.0
NNW		.4										.4 8.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/		8.1 //
TOTALS	39.5	31.7	10.0	9.6	1.1							100.0 4.6

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N											2.2	6.8
NNE	.4	.7	.7	.4							9.3	7.7
NE	1.4	3.2	3.2	.7	.7						13.3	5.4
FNE	5.0	5.7	.4	1.8	.4						27.6	3.5
E	14.7	11.5	1.4								10.4	3.6
ESE	4.3	6.1									6.8	3.6
SE	4.3	2.2		.4							8.2	4.6
SSE	3.9	2.2	1.8	.4							9.3	7.9
S	.4	4.3	1.8	2.5	.4						3.6	8.9
SSW	.4	1.1	1.1	.4	.7						.4	1.0
SW	.4										.4	1.0
WSW		.4									.4	10.0
W			.4								.4	13.0
WNW											.4	12.0
NW				.4							.4	5.0
NNW				.4							.4	
VARIABLE											7.5	
CALM	/	/	/	/	/	/	/	/	/	/	100.0	4.8
TOTALS	35.1	37.3	10.8	7.2	2.2							

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.4	1.3	1.6	1.4	.3	.0					5.1	9.3
NNE	1.0	1.9	2.3	2.4	.6						8.2	9.3
NE	1.5	3.7	1.8	1.3	.2						8.5	6.7
ENE	3.7	4.3	1.4	.8	.0						10.2	5.0
E	8.1	6.3	.6	.1							15.1	3.5
ESE	3.4	1.9	.0								5.4	3.1
SE	1.9	1.8	.5	.1							4.3	4.1
SSE	2.2	2.2	1.4	.9	.3						6.9	6.6
S	1.4	3.1	2.8	2.8	.6	.1					10.9	8.7
SSW	1.3	2.6	1.2	.8	.1						6.0	6.6
SW	.9	1.6	.4	.1							3.0	4.9
WSW	.8	1.0	.3								2.2	4.7
W	.8	1.6	.2	.0							2.6	4.3
NNW	.4	1.0	.3								1.7	4.8
NW	.1	.9	.5	.1							1.6	6.3
NNW	.9	.9	.8	.3							2.8	6.2
VARIABLE												
CALM	//										6.0	////
TOTALS	28.2	36.0	16.1	11.1	2.2	.2	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 2218

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4											.4	4.0
NNE	.4	.4	.4	1.8	.4							3.5	11.5
NE	3.1	4.8	1.3	.4								9.6	4.8
ENE	5.7	6.6	.9									13.2	3.7
E	15.4	10.5	1.3	.4								22.6	3.6
ESE	6.1	4.8										11.0	3.4
SE	3.5	2.6	.4									6.6	3.5
SSE	4.4	3.1	1.3									9.2	4.9
S	.4	3.5	1.3	3.9								9.2	9.0
SSW	.9	.9	.9									2.6	6.7
SW													
WSW													
W												.4	16.0
WNW		.4										.4	5.0
NW													
NNW												.4	11.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	5.7	/
TOTALS	39.0	38.2	7.9	8.3	.9							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 228

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.3										.7	6.5
NNE	1.0	2.1	1.0	2.1	.3							6.6	8.2
NE	1.7	3.1	1.0	.3	.3							6.6	5.8
ENE	7.7	7.0	2.1	.7								17.4	4.3
E	12.9	9.4	.3									22.6	3.3
ESE	3.5	2.8										6.3	3.3
SE	3.1	2.4	.3	.3								6.3	4.1
SSE	4.2	3.8	1.7	.3	.3							10.5	5.4
S	1.7	1.7	3.1	4.2	.3							11.1	8.9
SSW	.7			.3								1.0	5.3
SW	.3			.3								.7	9.5
WSW													
W	.3	.7										1.0	4.7
WNW		.3										.3	5.0
NW		.7										.7	9.0
NNW	1.0	.7										1.7	3.4
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	6.3	//////
TOTALS	38.0	34.8	10.8	8.7	1.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS/LST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL HOURS	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	1.1	1.8	3.9	1.6	.7				9.3	8.8
NNE	.7	1.8	3.6	2.9	.4				9.3	8.9
NE	1.4	2.5	2.9	1.1					7.9	6.8
FNE		1.4	1.4	1.4					4.3	8.6
E	.7	.7							1.4	4.3
ESE										
SE	.7	.7	1.4						2.9	5.9
SSE	1.1	1.8	3.4	1.4	.4				6.1	8.3
S	.7	6.4	4.3	4.6	.7				16.8	9.0
SSW	3.2	6.8	1.4	.7					12.1	5.1
SW	2.1	2.9	.7	.4					6.1	4.9
WSW	2.1	.4	.4						3.2	5.2
W	2.5	3.2	.7						6.4	4.2
WNW	1.4	3.6							5.0	3.8
NW		.7	1.1	.4					2.1	7.8
NNW	.4	1.4	1.4						3.2	5.8
VARIABLE										
CALM	//								3.9	////
TOTALS	18.2	36.1	24.6	14.6	2.1	.4			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 280

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	1.7	4.8	4.5	1.0	.3					12.7	10.7
NNE	.3	2.1	3.8	4.1	1.0						11.3	10.3
NE	.3	2.1	2.4	3.1	.7						8.6	10.1
ENE		.3	1.0	2.1	.3						3.8	11.8
E		.3	.7								1.0	7.7
ESE	.7										.7	2.0
SE		.3	.3								.7	6.5
SSE	.3	.7	.7	1.4	.7						3.8	11.3
S	.7	2.4	3.1	3.1	2.4	.7					12.3	11.5
SSW	1.4	3.4	3.1	1.0	.3						9.2	7.6
SW	1.4	3.4	1.4	.3							6.5	5.4
WSW	1.7	5.5	1.7								8.9	4.9
W	.7	3.8	.7								5.1	8.7
WNW	.3	2.7	1.7								4.8	6.1
NW	.3	2.7	.7	.3							4.1	6.1
NNW	.7	2.1	2.1	.3							5.1	5.9
VARIABLE												
CALM	//										1.4	//
TOTALS	9.2	33.6	28.1	20.2	6.5	1.0					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	4.2	3.2	4.9	.7							13.7	9.6
NNE	1.4	1.1	4.2	4.9	.7							12.3	10.4
NE		1.8	2.5	1.8	.4							6.3	9.3
ENE		1.1	.7	1.1								2.8	9.3
E			.7	.4								1.1	10.0
ESE													
SE	.4	.4										.7	3.5
SSE	.4	.4	1.8	1.1								3.5	9.4
S	1.8	2.8	3.2	2.8	.7							11.3	8.4
SSW	3.2	8.1	2.5	1.8	.4							15.8	6.3
SW	2.5	6.0	.7									9.2	4.4
WSW	2.1	2.1	.4									4.6	4.1
W	2.1	4.6										6.7	3.7
WNW	1.1	.4	.4									1.8	4.0
NW		2.1	.4									2.5	5.1
NNW	1.1	2.5	1.1	.4								4.9	5.4
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	2.8	1.1
TOTALS	16.5	37.3	21.5	19.0	2.8							100.0	7.1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	.7									1.4	3.3
NNE	1.4	3.5	1.4	1.0	1.7						8.0	7.4
NE	2.4	5.9	2.1	1.7							12.2	6.1
ENE	4.2	4.2	2.1								10.5	4.2
E	10.8	3.5									14.3	2.7
ESE	5.2	.3									5.6	2.4
SE	1.7	2.1	.3	.3							4.5	4.4
SSE	3.5	3.1	2.1	1.4							10.1	6.0
S	4.2	2.8	3.1	.7	.3						11.1	5.8
SSW	.7	.7	.3	.3	.3						2.4	7.9
SW	.7										.7	2.0
WSW												
W	.7										.7	3.0
WNW		.3									.3	4.0
NW		.3									.3	5.0
NNW		.7	.7								1.4	10.3
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	16.4	////
TOTALS	36.2	27.2	12.5	6.3	1.4						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919180 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4										.7	6.5
NNE	1.1	1.8	1.1	1.1	.4							5.7	9.8
NE	1.4	5.4	1.8	.7								9.3	5.5
ENE	3.9	9.7	1.4	.4								15.4	4.4
E	14.3	12.5	.7									27.6	3.5
ESE	7.9	4.7										12.5	3.0
SE	2.5	1.8	1.1									5.4	4.3
SSE	2.2	1.8	.7	.4	.8							5.4	5.7
S	1.1	2.9	1.4	2.5								7.9	7.6
SSW	.4	.4	.4	.7								1.8	8.2
SW													
WSW													
W													
NNW	.4											.4	3.0
NW		1.1	.4									1.4	6.5
NNW			.7									.7	9.5
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	5.7	/
TOTALS	35.1	42.3	10.0	5.7	.7							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919180 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS: 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOBS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.4	.4									.7	4.0
NNE	1.4	2.1	2.5	1.1	.7						7.8	8.0
NE	2.1	3.9	.4	.7	.4						7.5	5.5
ENE	8.2	4.6	1.8	.7							15.3	4.1
E	12.5	14.2	1.1								27.8	3.6
ESE	4.6	3.9									8.5	3.2
SE	3.6	4.3	.4								8.2	3.6
SSE	2.1	2.8	1.4	.7	.4						7.5	6.1
S	.4	2.5	2.5	1.1	.4						6.8	8.1
SSW	.4		.7	.7							1.8	9.0
SW												
WSW												
N												
NNW		.4									.4	6.0
NW	.4		.7								1.1	5.7
NNW	.4	.4	.4								1.1	9.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	5.7	/
TOTALS	35.9	39.5	11.7	5.3	1.4	.4					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.5	1.4	1.1	1.2							4.2	8.1
NNE	.7	2.5	3.2	2.7	.6	.0					9.6	9.2
NE	2.2	4.8	2.7	1.9	.1						11.7	6.8
ENE	3.5	3.4	.8	.7	.1						8.5	4.9
E	10.2	5.1	.3	.2							15.8	3.2
ESE	4.1	1.1	.1								5.3	2.8
SE	2.7	1.4	.1								4.2	3.2
SSE	2.1	2.8	.8	.3							6.0	4.6
S	1.7	3.5	1.6	.8							7.6	5.8
SSW	1.4	2.8	.8	.3	.0						5.4	5.3
SW	1.0	1.7	.5	.0							3.2	4.7
WSW	1.3	1.2	.3								2.8	4.0
W	1.6	1.5	.3								3.3	3.8
WNW	.5	.6	.2								1.4	4.3
NW	.6	.6	.3	.2							1.6	5.2
NNW	.6	1.0	.4	.0							2.0	4.9
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	7.2	/
TOTALS	34.6	35.6	13.4	8.3	.8	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 2364

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.4	1.4	2.0								6.5	8.1
NNE	.3	1.7	6.5	4.4	.3	.3						13.7	10.2
NE		.7	4.8	3.1	1.7							10.6	12.3
ENE	.7	.7	1.4	1.4			.3					4.4	9.9
E	.3		1.0									1.4	7.0
ESE	.7	.3										1.0	3.7
SE					.3							.3	12.0
SSE	.3	.7		1.0	.3							2.7	12.6
S	.3	3.8	1.4	3.8	1.7							10.9	10.7
SSW	1.7	6.8	2.4	3.1	.7	.3						15.0	8.2
SW	1.4	4.4	2.0	.3								8.2	5.8
WSW	1.0	3.4	.7									5.1	4.6
W	1.0	5.8	1.4									8.2	5.3
WNW	1.7	1.0	.7									3.4	4.5
NW	.3	1.0	1.0									2.4	6.1
NNW	1.0	2.4	1.0	.3								4.8	6.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	1.4	/
TOTALS	11.6	35.2	25.6	19.8	4.8	1.0	.7					100.0	8.3

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.0	4.5	1.4	1.0							8.0	5.9
NNE	1.4	2.8	4.2	3.8	1.0						13.1	9.0
NE	.7	.7	2.8	3.8	.7	.3					12.5	9.4
ENE		.7	1.0	1.7	.3						3.8	11.4
E		.7	.3	.3		.3					1.7	11.6
ESE												
SE	.7	1.4		.3							2.4	5.1
SSE	1.0	1.7	1.7	1.7							6.2	7.9
S	1.4	2.4	2.1	4.2	.3						10.4	9.3
SSW	3.1	5.5	2.1	1.4	1.0						13.1	6.8
SW	2.1	4.5	.7			.3					7.6	5.5
WSW	2.8	1.4			.3						4.5	4.5
W	3.8	1.4	1.0								6.2	3.7
WNW	1.4	.7									2.1	3.3
NW		1.7	.7	.7							3.1	7.4
NNW	1.0	1.4	.7								3.1	4.6
VARIABLE											2.1	/
CALM	/ / / / / / / / / /										2.1	/
TOTALS	20.4	34.9	18.7	19.0	3.8	1.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	.7	.3	.3	—	—	—	—	—	—	—	2.1	5.0
NNE	1.7	1.0	1.0	.7	.3	—	—	—	—	—	—	4.8	7.1
NE	3.4	5.8	3.4	.3	.3	—	—	—	—	—	—	13.4	5.8
ENE	5.5	3.4	—	1.4	.3	—	—	—	—	—	—	10.7	5.0
E	13.7	10.3	.7	.3	—	—	—	—	—	—	—	25.1	3.5
ESE	2.7	1.7	—	—	—	—	—	—	—	—	—	4.5	3.1
SE	4.1	.7	1.4	—	—	—	—	—	—	—	—	6.2	3.9
SSE	4.5	1.7	3.1	1.0	—	—	—	—	—	—	—	10.3	5.7
S	2.1	3.4	2.1	2.7	—	—	—	—	—	—	—	10.3	7.6
SSW	1.0	—	.7	.3	.3	—	—	—	—	—	—	2.4	8.0
SW	.3	—	.3	—	.3	—	—	—	—	—	—	1.0	10.7
WSW	—	.3	—	—	—	—	—	—	—	—	—	.3	6.0
W	.3	.3	.7	—	—	—	—	—	—	—	—	1.4	5.3
MNW	—	—	.3	—	—	—	—	—	—	—	—	.3	10.0
NW	—	—	—	—	—	—	—	—	—	—	—	—	—
NNW	.3	—	—	—	.3	—	—	—	—	—	—	.7	10.0
VARIABLE	—	—	—	—	—	—	—	—	—	—	—	—	—
CALM	—————	—————	—————	—————	—————	—————	—————	—————	—————	—————	—————	6.5	—————
TOTALS	40.5	29.6	14.1	7.2	2.1	—	—	—	—	—	—	100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.8	.4									1.2	6.3
NNE	1.9	1.2	.4	.8							4.3	5.5
NE	1.9	3.1	1.6	.8							7.4	5.7
ENE	5.0	5.8	1.2	1.9							14.0	5.4
E	14.0	14.3									28.3	3.5
ESE	3.5	.4		.4							4.3	3.5
SE	3.5	2.3	.4								6.2	3.6
SSE	3.1	3.5	1.2	1.9							9.7	5.9
S	2.3	4.3	3.1	1.2	.4						11.2	6.6
SSW	.4	.4		.8							1.6	9.0
SW	.4				.4						.8	12.0
WSW		.8									.8	4.0
W			.4								.4	16.0
WNW												
NN												
NNW				.4							.4	11.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	9.7	/
TOTALS	36.0	36.8	8.1	8.1	.8	.4					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 258

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.3	.6	.7	.1	.0						3.4	7.4
NNE	1.0	1.4	2.5	2.3	.3	.0						7.5	9.0
NE	1.6	3.0	3.1	2.3	.8	.1	.0					10.9	8.7
ENE	3.4	3.2	.8	1.5	.3	.0						9.2	6.1
E	8.8	6.8	.7	.3		.0						16.7	3.7
ESE	2.8	1.6			.0							4.5	3.2
SE	2.2	1.4	.3	.1								4.1	3.9
SSE	2.4	2.4	1.3	1.1	.0	.0						7.4	6.3
S	1.6	3.2	1.7	3.0	.4							9.9	8.3
SSW	1.3	2.9	1.4	1.1	.4	.0						7.2	7.3
SW	.8	1.8	.6	.1	.0	.1						3.4	5.9
WSW	.8	1.2	.2	.0	.0							2.3	4.7
W	1.0	1.6	.6	.1								3.3	5.0
WNW	.5	.4	.2	.0								1.2	4.9
NW	.2	.4	.2	.2	.0							1.0	7.2
NNW	.4	.8	.4	.2	.0							1.9	6.1
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	6.1	/
TOTALS	29.4	33.6	14.6	13.1	2.6	.5	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 2255

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N												2.4	7.9
NNE	.7	.3	.3	1.0									
NE	3.1	3.1	3.4	1.4								10.9	6.3
ENE	4.1	6.8	1.7	1.0								13.6	5.0
E	17.3	10.2	.3									27.9	3.2
ESE	4.1	4.4	.3									8.8	3.6
SE	2.4	2.0	.7									5.1	3.8
SSE	6.1	1.0	2.0	1.4								10.5	5.2
S	2.7	2.7	3.1	1.7								10.2	6.9
SSW	.7	.3		.7								1.7	7.8
SW			.3	.3								.7	12.0
WSW	.7	.3										1.0	3.0
W													
NNW													
NW													
NNW													
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.1	/
TOTALS	41.8	31.3	12.2	7.5								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
 MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												1.0 12.7
NNE		.3		.3	.3							
NE	2.4	2.4	1.4	1.4								7.6 6.0
ENE	4.5	6.2	1.7	1.0								13.5 5.0
E	16.3	14.9	.7		.3							32.3 3.6
ESE	5.6	4.2			.3							10.1 3.6
SE	3.1	2.4	.3									5.9 3.4
SSE	4.5	3.1	1.4	1.4								10.4 5.2
S	1.4	3.1	2.8	1.7								9.0 7.2
SSW	.7	.7	.3	.3								2.1 6.7
SW			.3	.3								.7 15.0
WSW	.3											.3 3.0
W	.3											.3 2.0
WNW												
NW												
NNW												
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/		6.6 //
TOTALS	39.2	37.5	8.7	6.6	1.4							100.0 4.5

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.7	1.0	.3								3.1	3.9
NNE	1.4	1.0	.3	1.4	.3						4.4	8.5
NE	2.0	7.1	3.1	2.4	.3						15.0	7.0
ENE	5.1	4.8	1.4	1.4							12.6	5.0
E	4.4	4.1									8.5	3.3
ESE	1.0	.7	.3								2.0	5.2
SE	2.7	.3									3.1	2.7
SSE	2.7	3.1	1.7	1.0							8.5	5.6
S	6.8	4.4	4.1	3.1							18.4	6.0
SSW	4.8	.7	.3	.3							6.1	3.2
SW	2.4	1.0	.3	.3							4.1	4.4
WSW												
W	.3	.3									.7	6.0
WNW												
NW			.7								.7	9.0
NNW	.3										.3	2.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	12.6	/
TOTALS	35.7	28.2	12.6	10.2	.7						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORDS: 75-84  
MONTH: AUG HOURS/LST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOBS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.7	.7	.7	.3							4.1	8.2
NNE	.3	1.0	3.1	4.7	1.7	.7						11.5	12.9
NE		1.7	3.1	5.4	1.4	.3						11.9	11.9
ENE		.7		1.7	.3	.3						3.1	12.9
E	.3		.3									.7	4.5
ESE	.3											.3	2.0
SE	.3	.3										.7	3.5
SSE			1.0	.7								1.7	10.2
S	.7	1.7	1.7	3.7	2.0							9.8	11.7
SSW	1.0	4.7	4.4	4.4	.3							14.9	8.3
SW	1.4	5.4	2.0	.3	.3							9.5	6.2
WSW	2.0	3.4	.3									5.8	4.1
W	3.7	6.1	1.4									11.2	4.4
WNW	2.4	3.7										6.1	4.2
NW	.7	2.4	.3	.3								3.7	5.2
NNW	1.4	2.4	1.0									4.7	4.9
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	3	/
TOTALS	15.3	35.3	19.3	22.0	6.4	1.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.0	1.7	.3	.3							4.3	8.2
NNE	.7	2.3	4.7	3.0	1.7							12.3	10.1
NE	.7	2.3	3.0	2.3	.7							9.0	13.9
ENE	.3	.3	1.0	2.0	.3	.3						4.3	12.0
E	.7	.7										1.3	6.5
ESE													
SE													
SSE	.7	.3	.3	1.0	.3							2.7	9.3
S	.3	1.7	.7	4.0	2.0	.3						9.0	13.0
SSW	.7	4.3	4.0	4.3	.7							14.0	9.0
SW	.7	5.0	3.0	1.3	.3							10.3	7.4
WSW	.3	8.3	2.7	.3								11.6	5.9
W	1.0	5.3	3.0									9.3	5.7
WNW	.3	1.3	1.3	.3								3.3	6.6
NW	.3	2.3	1.7									4.3	6.1
NNW	.3	1.7	1.3									3.3	5.8
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/		1.0	/
TOTALS	5.6	36.2	28.2	19.6	8.0	1.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919360 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.4	2.4	1.7	.3							5.8	5.9
NNE	1.0	2.7	4.7	3.4	2.3						12.2	9.1
NE	1.0	3.1	4.7	3.1	2.0	.3					14.2	10.0
ENE	.3	.7	1.0	1.0	.7						3.7	10.5
E		.3									.3	6.0
ESE		.3									.3	4.0
SE		.7		.3							1.0	4.7
SSE		1.4	1.4	2.0	.7						5.4	10.3
S	1.0	2.0	3.1	3.7	2.0						11.9	11.2
SSW	1.0	2.0	2.7	4.1	.3						10.2	9.2
SW	1.0	3.1	1.0	1.0	.3						6.4	7.2
WSW	1.4	1.7	.7								3.7	4.2
W	1.7	6.4	2.0								10.2	4.9
WNW	.7	2.0	1.0								3.7	5.1
NW	.3	3.4	1.4								5.1	5.9
NNW	1.4	2.7	1.4								5.4	4.8
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	.3	/
TOTALS	12.9	34.2	27.1	18.6	6.4	.3					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.0	.3					.3				1.7	11.0
NNE	1.0	1.7	1.3	1.0	.3						5.4	8.0
NE	3.0	4.7	3.3	1.3	.7						13.0	7.2
ENE	3.3	4.3	2.0	1.3	.3						11.4	6.1
E	16.4	9.0	.7								26.1	3.3
ESE	3.0	1.7									4.7	2.9
SE	2.7	2.0	.3	.3							5.4	3.8
SSE	2.3	2.0	1.3	1.0	.3						7.0	6.4
S	2.3	2.3	4.3	2.7	.3						12.0	7.7
SSW		1.0	.3	1.0							2.3	9.3
SW	.7	.7		1.0							2.3	8.4
WSW		1.0									1.0	4.7
W	.3	.7	.3								1.3	5.3
WNW											1.0	4.7
NW	.3	.7									1.0	4.7
NNW	.3			.3							.7	7.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	4.7	/
TOTALS	35.8	32.8	14.4	10.0	2.0		.3				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 299

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 GLOBAL CLIMATOLOGY BRANCH \ PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
 MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4											.4 3.0
NNE	2.0		.4	1.2								3.5 5.9
NE	2.7	3.9	2.7	2.0								11.3 6.6
ENE	5.5	6.3	.8	.4	.4							13.3 4.6
E	14.8	9.8	.4									25.0 3.3
ESE	6.3	2.7										9.0 3.1
SE	4.3	2.0	.4									6.6 2.9
SSE	4.3	3.1	1.2	.4								9.0 4.4
S	3.5	3.1	2.7	1.6								10.9 6.3
SSW	.4	1.2		.4								2.0 5.8
SW			1.2									1.2 13.7
WSW	.4											.4 1.0
W	.4	.4										.8 3.0
WNW	.4	.4		.4								1.2 6.7
NW			.4									.4 8.0
NNW												
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	/	5.1 //
TOTALS	45.3	32.8	9.0	7.4	.4							100.0 4.4

TOTAL NUMBER OF OBSERVATIONS: 256

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.0	.6	.2	.1			.0				2.5	7.0
NNE	.9	1.2	1.9	2.0	.6	.1						6.7	9.7
NE	1.8	3.3	3.0	2.5	.9	.2						11.6	8.6
ENE	2.8	3.7	1.2	1.2	.3	.1						9.3	6.1
E	8.6	6.0	.4		.0							15.0	3.4
ESE	2.5	1.7	.0	.0	.0							4.3	3.5
SE	2.0	1.1	.3	.0								3.4	3.4
SSE	2.5	1.7	1.3	1.1	.2							6.8	6.2
S	2.3	2.6	2.8	2.8	.8	.0						11.4	8.5
SSW	1.2	1.9	1.6	2.0	.2							6.8	8.0
SW	.8	1.9	.9	.7	.2							4.5	7.2
WSW	.6	1.9	.5	.0								3.1	4.9
W	1.0	2.4	.9									4.3	4.9
WNW	.5	.9	.3	.1								1.8	5.2
NNW	.2	1.1	.6	.0								1.9	5.9
NNW	.5	.9	.5	.0								1.9	5.1
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/		4.7	/
TOTALS	28.6	33.5	16.6	12.9	3.2	.9	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 2322

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TAHITI ISLAND PACIFIC LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARY (LISO). (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 85

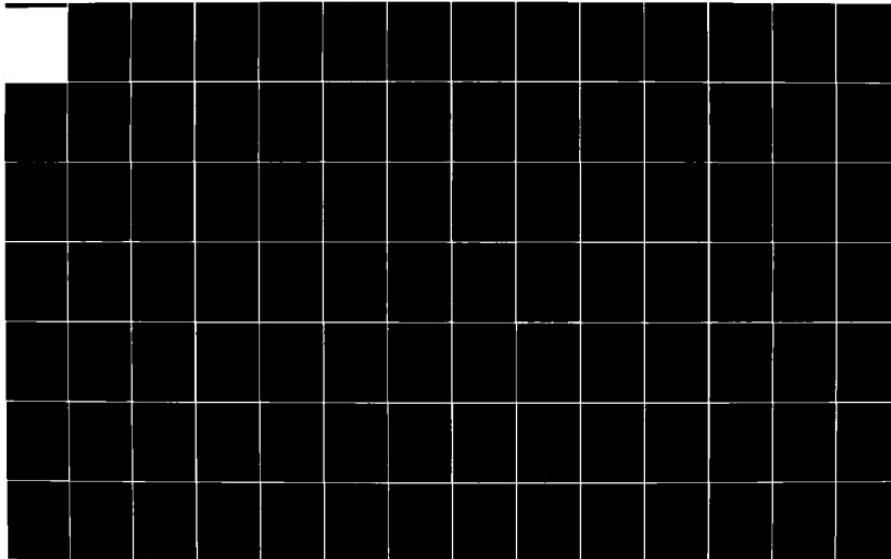
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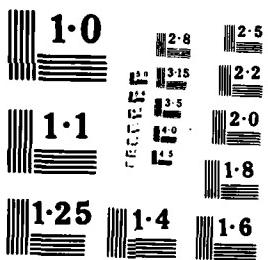
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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N											1.8	7.4
NNE	.4	.4	.7	.4								
NE	2.5	2.8	1.4	.7	.4						7.8	6.0
ENE	3.5	3.9	1.1	1.8	.4						10.6	6.4
E	17.3	18.4	.7								36.4	3.4
ESE	7.1	5.3									12.4	3.2
SE	3.9	1.1									4.9	2.9
SSE	2.1	2.8	.7	.4							6.0	5.1
S	3.5	4.6	1.8	.4							10.2	4.8
SSW	1.8	.7	.7								3.2	7.6
SW												
WSW												
W		.7									.7	4.5
NNW												
NW	.4										.4	3.0
NNW	.4	.4									.7	3.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	4.9	/
TOTALS	41.0	42.0	7.1	4.2	.7						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N												
NNE	.4	.7	1.1	1.4							3.6	9.7
NE	1.1	2.5	.7	.7							5.0	5.8
ENE	3.2	5.7	1.4	1.8	.4	.4					12.9	6.4
E	19.7	16.5									36.6	3.5
ESE	4.7	5.0									10.0	3.8
SE	4.7	3.6									8.2	3.0
SSE	4.7	2.2									7.2	3.7
S	2.5	3.9	1.1								7.5	4.2
SSW	.4	1.8	1.8	.4							4.3	7.0
SW												12.0
WSW												
W												
WNW												
NW												
NNW											.7	5.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.6	/
TOTALS	41.2	42.7	6.5	5.4	.4	.4					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORDS: 75-84  
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.4	.7									3.1	2.6
NNE	2.7	4.4	.7	1.7	1.7						10.2	6.6
NE	2.4	6.5	2.4	2.0	.3						13.6	6.7
ENE	3.1	2.0	.7	.3	.7						6.8	5.7
E	4.1	3.1	.7	.3							8.2	4.1
ESE	.3	.3									.7	4.0
SE	.3										.7	6.5
SSE	2.7	3.1	1.0	.7	.3						7.8	5.5
S	3.7	5.1	1.4	.7							10.9	4.8
SSW	2.4	5.8		1.4							9.5	5.1
SW	3.7	2.0	1.0								6.8	4.1
WSW	2.4	.7									3.1	3.2
W	2.7	.3	.3								3.4	2.4
WNW	.7										.7	2.5
NW	1.7	.3									2.0	2.8
NNW	2.0	.7									2.7	3.0
VARIABLE												
CALM	//										9.9	11.1
TOTALS	37.4	35.0	8.2	7.5	2.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.4	2.5	1.8	.7							6.3	6.2
NNE	.7	1.4	3.2	6.0	1.1						12.3	10.9
NE		.4	3.9	6.3	3.5	.4					14.4	13.3
ENE	.4		.4	.4	.4						1.4	10.0
E	.4	.4	.4			.4					1.4	8.8
ESE												
SE			.4								.4	10.0
SSE		.4			.4						.7	11.0
S		1.4	2.5	1.8							5.6	9.2
SSW	.7	6.0	4.6	3.5							14.7	7.8
SW	1.1	8.8	2.8	.7							13.3	6.2
WSW	.4	7.4	1.4	.4							9.5	5.6
W		6.7	2.8								9.5	5.5
WNW	1.1	2.5	.4								3.9	4.5
NW	2.1	2.5									4.6	3.5
NNW	1.1	.7	.4								2.1	4.2
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	/	/
TOTALS	9.1	40.7	24.6	19.6	5.6	.4					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1200-1400

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS/LST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	3.2	1.4									5.0	5.9
NNE	.7	5.3	4.6	2.1	1.4							14.2	8.6
NE		1.4	6.0	7.1	1.1							15.7	10.9
ENE	.4	1.4	.7	1.1	1.8							5.3	11.7
E	.4	.4	.7									1.4	5.5
ESE	.4											.4	3.0
SE			1.1									1.1	13.7
SSE	.4	1.8	1.4	.4								3.9	7.0
S		4.6	3.9	2.6	.4							11.7	8.6
SSW	.7	4.6	3.6	1.1	1.1							11.0	8.2
SW	1.4	3.9	1.1	.7								7.1	5.8
WSW	2.1	2.8	.7									5.7	4.2
W	1.8	2.8	2.5	.4								7.5	5.7
WNW	1.4	2.1	1.1									4.6	4.6
NW	.7	1.4										2.1	4.2
NNW	1.4	1.4	.4									3.2	4.2
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	/	/
TOTALS	12.1	37.4	28.1	16.7	5.7							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	1.0	.3								2.1	4.7
NNE	1.0	1.7	.7	.7							4.2	6.5
NE	1.7	4.2	4.5	1.4	.3						12.2	7.1
ENE	3.8	4.5	1.7	.3	.3						10.8	5.5
E	11.5	9.0	1.4	.3							22.2	3.8
ESE	2.8	2.4	.3								5.6	3.4
SE	2.8	1.4									4.2	3.4
SSE	3.5	3.8	2.1								9.4	4.8
S	3.1	4.5	2.4	.7	.3						11.1	5.7
SSW	1.4	1.7	.3	.7							4.2	5.8
SW	.3	.3	.3								1.0	5.7
WSW	1.0	.7		.3	.3						2.4	6.9
W	.7	1.4	.3								2.4	4.7
MNW		.3	.3								.7	6.0
NW	.7	1.0									1.7	4.0
NNW		.3	.3								.7	6.5
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	5.2	/
TOTALS	35.1	38.5	15.3	4.5	1.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N												3.2	8.3
NNE	.4	.8	.4	1.6								6.4	6.2
NE	.8	3.2	2.4									13.6	5.9
ENE	4.4	4.8	2.8	1.6								36.8	3.2
E	22.0	14.8											
ESE	4.4	2.0										6.4	3.0
SE	4.4	1.2										5.6	2.9
SSE	3.6	3.6	.4									7.6	3.6
S	2.4	3.6	1.2	.8								8.0	5.3
SSW	.4	2.0	.8	.4								3.6	6.9
SW	.4		.4									.8	7.5
WSW	.4		.4									.8	6.0
W	.8	.8										1.6	3.0
NNW													
NW	.4	.4										.8	4.0
NNW	1.2											1.2	2.3
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	3.6	////
TOTALS	46.0	37.2	8.4	4.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 250

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	1.3	.6	.1								2.8	5.5
NNE	.9	2.2	2.4	2.4	.6	.0						8.5	9.1
NE	1.1	2.8	3.2	3.2	.9	.1						11.3	9.3
ENE	2.3	2.8	1.1	1.0	.5	.0						7.7	6.7
E	9.2	7.7	.6	.3	.0							17.8	3.7
ESE	2.4	1.9	.0	.1								4.4	3.5
SE	2.0	.9	.0	.3								3.2	4.0
SSE	2.1	2.2	.8	.2	.1							5.4	5.0
S	2.0	3.7	2.2	1.2	.1							9.2	6.4
SSW	.9	3.6	2.5	1.3	.2							8.5	7.3
SW	1.0	2.5	1.1	.4	.0							5.1	6.0
WSW	.8	2.0	.4	.1	.0							3.3	5.1
W	.9	2.1	1.0	.0								4.1	5.0
WNW	.4	.9	.4									1.7	4.8
NW	.8	.9	.0									1.8	3.9
NNW	.8	.8	.2									1.8	4.1
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	3.5	/
TOTALS	28.4	38.2	16.6	10.6	2.5	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 2247

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	.3	.7	.7	.3						2.3	8.9
NNE	1.0	1.0	1.0		.7	.3					4.0	9.3
NE	1.0	5.0	4.3	2.0							12.3	7.1
ENE	2.7	7.6	5.0								15.3	5.6
E	16.3	10.6	1.7	.7							29.2	3.9
ESE	6.6	1.7									8.3	2.8
SE	2.0	.7	1.0								3.7	3.9
SSE	2.7	4.3	1.0	.3	.3						8.6	5.3
S	.7	2.7	1.7	.3							5.3	6.2
SSW	.3	1.7	.3								2.3	5.3
SW	.7	.3									1.0	3.3
WSW		.3									.3	4.0
W												
WNW		.3									.3	2.0
NW												
NNW		.3		.3							.7	5.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	6.3	/
TOTALS	34.9	36.2	16.9	4.0	1.3	.3					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919730 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	.3	.7	.3							2.0	6.3
NNE	.3	.3	.3	1.3	.3						2.7	12.3
NE	1.3	4.4	2.4	.7							8.8	5.8
ENT	3.7	6.7	4.0	1.3	.3						16.2	6.1
E	15.5	12.5	1.3								29.3	3.6
EEF	7.4	4.7	.7								12.8	3.3
EF	3.7	2.7	.3								6.7	3.5
SSE	3.4	3.0	.7		.3						7.4	4.5
S	2.0	1.0	.3	1.0							4.4	6.2
SSW	.3	1.0	.3	.7							2.4	7.9
SW	.3	.7									1.0	3.3
MSW												
W	.3	.7									1.0	4.0
MNW												
NW			.3								.3	10.0
NNW				.3							.3	14.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	4.7	////
TOTALS	39.1	38.0	11.4	5.7	1.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193HD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	3.0	.3									5.1	3.9
NNE	3.0	2.4	4.1	1.7	2.0							13.2	8.3
NF	1.4	2.1	4.7	5.7	1.0							19.9	8.9
ENF	1.4	1.4	2.7	.3								5.7	6.6
E	1.0	1.7	.7									3.7	6.1
ESE	.3	.3										.7	4.5
SE			.3									.3	14.0
SSE	.3	2.0	1.0	1.0								4.4	7.3
S	2.7	5.1	2.0	.7	.3							10.8	6.0
SSW	1.7	5.1	1.0	.3								8.1	5.5
SW	1.7	1.7	1.7									5.1	5.1
WSW	1.7	2.4										4.1	3.8
W	3.7	1.7	.7									6.1	3.4
WNW	.7	1.0										1.7	3.6
NNW	1.7	1.0	.7									3.4	4.0
NNW	1.0		.3									1.4	4.5
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	6.4	/
TOTALS	24.0	35.8	19.6	10.5	3.4	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.4	1.1	1.1						2.6	5.9
NNE	1.5	3.0	1.5	.4	.4				6.7	6.9
NE	.7	6.4	3.4	.7					11.2	6.3
ENE	2.6	7.1	3.4	3.0					16.1	6.9
E	12.4	9.7							22.1	3.4
ESE	3.7	1.5							5.2	3.1
SE	2.6	2.2							4.9	3.1
SSE	3.0	3.4	1.9						8.2	4.8
S	2.2	6.0	1.1	.4					9.7	4.8
SSW	.7	.7	.4	.4					2.2	5.3
SW	.4	.4	.4						1.1	5.7
WSW	.4								.4	2.0
W	.4	.4	.4						1.1	5.3
WNW		.4							.4	6.0
NNW	.4		.4						.7	4.5
NNW		.4	.4						.7	6.0
VARIABLE										
CALM	/	/	/	/	/	/	/	/	6.4	//////
TOTALS	31.5	42.7	14.2	4.9	.4				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 257

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL %	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	1.0	1.4	.3								4.4	5.5
NNE	.3	2.0	2.0	1.4								5.8	8.1
NE	1.7	5.5	3.1	3.1								13.3	7.5
ENE	3.4	4.1	3.4	1.4	.3							12.6	6.3
E	7.2	6.8	1.7	.3								16.0	4.0
ESE	3.1	1.4										4.4	3.0
SE	1.7	2.0	.3									4.1	4.6
SSE	3.1	2.7	1.0	1.0								7.8	5.3
S	.3	5.5	2.7	1.0	.3							9.9	6.8
SSW	.3	1.0	1.4									2.7	6.3
SW	2.0	1.4	.3									3.8	3.8
WSW	.7	.3										1.0	3.3
W	1.0	2.7	.7									4.4	4.7
VNW		.3	.3									.7	7.0
NW	.3	1.4	.3									2.0	5.3
NNW		1.0	1.0									2.0	5.8
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	4.8	/
TOTALS	27.0	39.2	19.8	8.5	.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.5	1.4	2.1								6.7	8.4
NNE	.7	6.4	5.0	4.3	.7							17.0	8.5
NE	.4	2.5	3.5	7.1	.7							19.2	10.9
ENE	.4	.4	1.4	4.3								6.4	10.6
E	.4	.4	.4	.7	.4							1.8	12.2
ESE	.4											.4	2.0
SE	.4	.4										.7	5.0
SSE		2.5	2.1	.7	.4							5.7	8.0
S	.4	5.0	2.1	3.9	1.1							12.4	9.8
SSW	1.1	2.8	2.1	.7								6.7	6.7
SW	1.4	3.2	2.1	.4								7.1	5.9
WSW	1.1	.7	.7									3.9	4.9
W	1.1	2.8	2.8	.4								7.1	6.3
WNW	.4	.7	.7									1.8	6.6
NW	.4	1.4	1.1									2.8	5.8
NNW	1.1	1.4	1.4									3.9	4.8
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	1.4	/
TOTALS	9.6	34.0	27.3	24.5	3.2							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.7	2.7	2.1	.7							8.2	8.8
NNE	.7	1.4	5.5	5.5	2.1							15.1	11.0
NE	.7	1.0	3.8	6.5	1.4							13.4	11.2
ENE		.3	1.4	2.1	.7							4.5	12.5
E		1.0	.3	.3	.3							2.1	9.3
ESE													
SE	.3		.7									1.0	6.7
SSE		.3		.3	.3							1.0	12.7
S	1.4	2.1	1.7	1.7	1.0							7.9	9.2
SSW	1.0	3.8	1.4	1.7	.7							8.6	8.0
SW	.7	3.8	1.4	.3	.3							6.5	6.7
WSW	1.7	1.7	3.1									6.5	5.8
W	1.4	6.5	2.7	1.0								11.7	6.1
WNW	.3	2.1	1.0									3.4	5.3
NW	.3	2.4	1.7									4.5	5.8
NNW		1.7	3.4									5.2	7.4
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	.3	/
TOTALS	9.6	29.9	30.9	21.6	7.6							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N		3.1	4.2	3.5	1.4						12.1	10.3
NNE		1.0	3.5	5.9	2.1						12.5	11.9
NE		1.7	1.4	7.3	2.1						12.5	13.1
ENE		.3	1.4	1.4	.3						3.5	11.8
E		.3			.3						1.7	11.5
ESE												
SF	.3		.7								1.0	6.7
SSE			.3	.7							1.0	11.3
S	.3	1.7	2.4	1.0	.3						5.9	8.6
SSW		4.2	1.4	1.7	.3						7.6	8.2
SW	1.4	3.5	3.8	.7							9.3	6.5
WSW	2.1	4.5	1.0								7.6	4.6
W	3.8	5.2	2.8								11.8	4.8
WNW	.3	1.7	1.0								3.1	5.7
NW	1.4	1.4	1.0		.3						4.2	6.8
NNW	1.0	4.2	1.4								6.6	5.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	.7	/
TOTALS	10.7	32.9	26.3	22.1	6.9	.3					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.8	3.8	1.0	.3								8.0	5.1
NNE	3.8	7.0	3.8	2.8	1.4							18.8	7.3
NE	.7	6.6	2.4	4.5	1.4							15.7	9.0
ENE	1.0	2.4	2.1	.3								5.9	6.0
E		2.1	1.0	.3								3.5	6.1
ESE	.3	.3										.7	3.5
SE	1.0											1.0	2.0
SSE	.3	1.0	.3									1.7	5.4
S	2.4	4.2	2.4	1.0								10.1	6.0
SSW	2.4	2.4	.7	.3								5.9	4.6
SW	1.7	2.4	.7									4.9	4.4
WSW	2.1	1.4	.3									3.8	3.6
W	2.8	1.4	.7									4.9	3.9
NNW	1.0	.3										1.4	3.0
NW	1.4	.3	.3									2.1	3.7
NNW	1.7	1.7	.7									4.2	4.2
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	7.3	/
TOTALS	25.8	37.6	16.7	9.8	2.8							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	.7	.7								1.7	5.6
NNE		1.7	2.1	.3	.3						4.5	8.2
NE	.7	7.0	2.8	.7							11.1	6.5
ENE	1.4	7.7	3.5	.7							13.2	5.9
E	15.7	13.9	2.1								31.7	3.7
ESE	8.7	3.8									12.5	3.1
SE	4.9	2.4	.3								7.7	3.3
SSE	.7	3.5	.7								4.9	5.0
S	1.7	2.4	1.4	.3							5.9	5.4
SSW		.7	.7								1.4	6.3
SW		.3									.3	5.0
WSW												
W			.3								.3	12.0
WNW												
NW		.3									.3	2.0
NNW		.3									.3	3.0
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.8	/
TOTALS	54.8	44.3	14.3	2.4	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	.3	.7								1.4	5.3
NNE	.3	3.1	1.7	.3							5.5	6.4
NE	.7	6.9	2.4	1.0							11.0	6.5
ENE	1.4	5.8	4.5	.7							12.4	6.4
E	13.4	14.8	1.4	.3							29.9	3.8
ESE	5.2	2.1									7.2	3.0
SE	3.8	2.7	.3								6.9	3.3
SSE	1.7	3.4	1.0								6.2	4.4
S	1.4	5.2	1.0	.3							7.9	5.1
SSW	.7	.7	.7	.3	.3						2.7	7.4
SW		.3									.3	4.0
WSW												
W	.3	.7									1.0	4.7
NNW		.3	.3								.7	7.0
NW	.3										.3	1.0
NNW		1.0	.3								1.4	5.5
VARIABLE												
CALM	//										5.2	////
TOTALS	29.6	47.4	19.4	3.1	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.5	1.6	1.1	.8	.9	.1					4.5	8.3
NNE	.8	2.2	4.0	3.4	1.2	.1					11.8	10.1
NE	1.4	3.5	4.8	4.6	.8						15.1	9.1
ENE	1.9	4.1	2.4	.7	.0						9.1	6.0
E	7.4	5.1	1.1	.1			.0				13.8	3.9
ESE	2.5	1.4	.1	.0							4.0	3.4
SE	1.4	.9	.3	.1							2.6	4.0
SSE	1.6	2.0	.9	.4	.3	.2					5.4	6.7
S	1.1	3.0	1.6	1.6	.3	.0					7.7	7.7
SSW	.8	2.5	1.5	.6	.0						5.5	6.5
SW	.8	1.9	1.1	.3							4.1	5.7
WSW	.5	1.6	.5	.0							2.7	5.2
W	1.1	2.2	1.2								4.5	5.2
NNW	.5	1.1	.5	.0	.0						2.2	5.5
NW	.5	.7	.6	.1	.0						1.9	5.9
NNW	.5	.7	.3	.2	.2						1.9	6.6
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.6	/
TOTALS	23.3	34.3	22.1	13.0	3.3	.5					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 2370

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	.7	.4	.7	.4						1.6	11.0
NNE	.7	1.8	1.8	.7	1.1							6.2	8.8
NE	3.3	5.5	3.3	1.8	.4							14.2	6.5
ENE	3.6	8.4	1.8	1.5								15.3	5.5
E	18.6	9.1	1.8									29.6	3.5
ESE	3.6	3.3										6.9	3.4
SE	2.9	1.5										4.4	3.3
SSE	2.2	2.6	.4	.4	.4							5.8	5.6
S	2.2	2.9	1.1	.4								6.6	5.2
SSW	.4	.7										1.1	3.7
SW	.4	.7	.4									1.5	4.8
WSW													
W	.4											.4	4.0
WNW			.4	.4								.7	12.0
NW				.4								.4	12.0
NNW	.4	.4										.7	2.5
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	4.4	11.1
TOTALS	38.7	37.2	11.3	6.2	1.8	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	1.3	.3	1.0	.3	.3					3.6	13.1
NNE	.7	2.6	1.7	2.3	.7						7.9	8.9
NE	2.6	4.3	6.0	2.6							15.6	7.6
ENE	3.6	7.3	3.6	.7							15.2	5.6
E	8.3	5.3	1.7								15.2	3.7
ESE	1.7	.3		.3							2.3	4.4
SE	1.3	1.7	.3								3.3	3.6
SSE	3.6	2.3	1.7	1.0		.3					8.9	6.3
S	1.0	4.3	1.3	1.7							8.3	7.0
SSW		1.0	1.0								2.0	7.0
SW	.3	.7									1.0	4.0
WSW		.3									.3	6.0
W	.3	3.0	1.0								4.3	5.5
NNW	1.7	1.0	1.0								3.6	4.5
NW	.3		.3								.7	5.0
NNW		1.0	.3								1.3	5.8
VARIABLE											6.3	
CALM	/	/	/	/	/	/	/	/	/	/	100.0	
TOTALS	25.8	36.4	20.2	9.6	1.0	.7					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 332

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.7	3.0	1.0	1.7	1.3						7.7	9.2
NNE	.7	3.3	6.0	5.7	1.0						16.7	9.8
NE		1.0	8.3	7.0	1.0						17.3	10.8
ENE			1.0	.3							1.3	9.3
E	.3	1.3	.3								2.0	5.3
ESE	.3										.3	2.0
SE	1.0	.3		.3							1.7	4.6
SSE		1.3	1.7		.3	.3					3.7	9.8
S	.3	3.7	2.3	3.7	.7						10.7	9.3
SSW	2.0	3.3	2.7	.7							8.7	5.9
SW	1.3	2.7	2.3	.3							6.7	6.0
WSW	.7	2.7	1.0								4.3	5.4
W	1.3	4.7	2.7								8.7	5.8
WNW	1.0	1.7	.3								3.0	4.4
NW	.3	1.7	1.7		.3						4.0	7.3
NNW	.7	1.3	1.0		.3						3.3	6.2
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	/	/
TOTALS	10.7	32.0	32.3	19.7	5.0	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
 MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		3.0	1.3	.7	.3	.3						5.6	8.9
NNE	.3	2.3	10.6	8.6	2.0	.3						24.2	10.8
NE	.7	.3	5.3	7.6	1.3							15.2	11.6
ENE	.3	1.0	.3	.3								2.0	7.0
E		.3	.3									.7	13.0
ESE		.3										.3	6.0
SE		.3										.3	6.0
SSE	.3	.3	.3									1.7	11.6
S		1.3	3.0	3.6	1.0							8.9	10.9
SSW	1.7	4.3	2.3	1.3	.3							9.9	7.0
SW		2.3	2.3	1.0								5.6	7.5
WSW	.3	4.6	1.7	.3								7.0	5.9
W	1.0	2.6	4.3									7.9	6.5
MNW		2.3	1.7		.3							4.3	7.2
NW	.7	.7	.7	.3								2.3	6.1
NNW	1.0	1.3		.3	1.0							3.6	8.5
VARIABLE												.3	11.1
CALM	/	/	/	/	/	/	/	/	/	/			
TOTALS	6.3	27.2	34.1	24.5	6.6	1.0						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
 MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.7	3.7	1.3	.3							7.4	8.9
NNE		3.4	6.4	6.7	2.0	.3						18.8	11.6
NE	1.0	.7	4.0	9.1	2.3							17.1	12.1
ENE		.3	.7	1.0								2.0	10.5
E	.3	1.0	.7									2.0	6.3
ESE		.3	.3									.7	7.0
SE			.3	.3								.7	10.0
SSE		.3	.7	.7	.7							2.3	13.1
S	.3	2.7	1.3	1.0	.7	.3						6.4	9.2
SSW	.3	2.7	4.4	1.7								9.1	7.7
SW	1.7	5.7	2.3	.7								10.4	5.6
WSW	1.3	2.7	1.0									5.0	5.1
W	1.7	4.4	1.0									7.0	4.9
WNW	.3	2.3	.7									3.2	5.3
NW	.7	2.0	1.3									4.0	5.4
NNW	.7	1.7	.7	.3								3.4	6.3
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	.3	/
TOTALS	8.7	31.9	29.5	22.8	6.0	.7						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS/LST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.9	1.8	1.7	1.0	.3						5.7	7.8
NNE	.9	3.2	3.1	2.6	.8	.0					10.8	8.9
NE	.7	4.7	2.8	3.9	.7						12.8	9.0
ENE	1.3	3.5	2.6	1.7	.2						9.3	7.3
E	6.0	6.1	.9	.3	.1						13.4	4.1
ESE	2.7	1.1	.3								3.8	3.0
SE	1.9	1.2	.3								3.4	3.7
SSE	1.1	2.1	.9	.3	.1						4.5	5.8
S	1.3	4.0	1.9	1.2	.3						8.7	7.1
SSW	.8	2.1	1.1	.7	.2						4.8	6.9
SW	1.0	1.9	1.1	.2	.0						4.2	5.7
WSW	1.0	1.3	.7								2.9	4.7
W	1.4	2.5	1.3	.2							5.3	5.4
WNW	.3	.7	.4								1.4	5.5
NW	.6	.9	.6		.0						2.1	5.5
NNW	.5	1.4	1.1								3.1	5.4
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.7	/
TOTALS	22.3	38.5	20.6	12.2	2.8	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 2287

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	.3	.7	1.7								4.0	8.4
NNE	1.7	1.0	3.3	2.7	.3							9.0	8.8
NE	2.3	4.3	1.0	1.3	.3							9.3	6.2
ENE	5.3	4.3	3.0	.7		.3						13.6	5.3
E	13.3	13.0	2.7									28.9	3.8
ESE	7.6	2.0	.3									10.0	2.9
SE	1.7	3.0										4.7	3.9
SSE	2.0	2.3	1.0									5.3	4.4
S	.3	1.3	1.3									3.0	6.4
SSW	.3	.7	.3									1.3	5.5
SW	.3	.3										.7	5.5
WSW		.7										.7	4.0
W		.3	.3									.7	10.0
WNW	.3	.7	1.3	.3								2.7	6.9
NW				.3								.3	16.0
NNW				.7	.7							1.3	10.3
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	4.7	/
TOTALS	36.2	34.2	15.9	8.0	.7	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 351

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N		.3	.3	.7	1.0						2.3	13.1
NNE		.7	1.7	1.7	1.0	.7					5.7	8.9
NE	2.0	5.0	3.7	1.0							11.7	6.3
ENE	3.7	5.7	4.4	.3			.3				14.4	6.1
E	13.1	11.4	2.3	.3							27.2	3.9
ESE	5.7	3.7	.3								9.7	3.4
SE	2.3	2.3									4.7	3.6
SSE	3.0	2.7									5.7	3.4
S	.7	2.7	1.0								4.4	5.2
SSW	.7	1.7	.3	.3							3.0	5.4
SW												
WSW												
W		.3	.3	.7							1.3	9.8
WNW			.3	.3							.7	12.0
NW		.3		1.3		.3					2.0	12.7
NNW		.3	.3	.7		.3					1.7	10.4
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	5.4	////
TOTALS	32.6	37.9	15.4	6.0	1.7	.7	.3				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	1.7	1.4	.3	1.7	.3						5.4	7.2
NNE	2.0	4.7	2.0	3.1	.3						12.2	7.4
NE	2.0	5.8	6.4	2.7	.7						17.6	7.6
ENE	1.4	3.1	2.0	.7	.3						7.8	7.7
E	1.4	.7	.7	.7							3.4	5.8
ESE	.7	.3									1.0	3.3
SE	.7	.3									1.0	6.3
SSE	1.4	.7	.7								2.7	4.5
S	3.7	4.7	2.7								11.2	5.2
SSW	3.4	4.7	1.0	.3	.3						9.8	4.9
SW	2.4	1.4		.3							4.1	4.1
WSW	3.1		.3								3.4	2.9
W	2.0	.7	.3	.3							3.4	4.2
WNW	1.4	.7	.3	.3							2.4	3.7
NW	1.7	.7	.7	.3							3.4	5.0
NNW	2.0	2.0	1.0								5.4	5.4
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	5.8	/
TOTALS	30.2	32.2	18.6	10.5	2.0	.3	.3				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
 MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL 8	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.3	3.7	4.4	4.7							12.1	9.5
NNE	.3	2.4	6.7	6.1	2.4						17.8	10.8
NE	.7	2.0	4.4	5.4	1.0						13.5	10.3
ENE	.3	.7	2.7	2.0		.3					6.1	10.3
E		1.0	.7	1.7							3.4	9.4
ESE		.3									.3	5.0
SE												
SSE	.7	.3									1.0	3.3
S	.3	2.4	2.4	.3	.3						5.7	7.6
SSW	1.3	3.7	2.7	1.3							9.1	6.7
SW	.7	4.0	1.7								6.4	5.8
WSW	.7	3.4	1.0	.3							5.4	5.4
W	.3	5.4	1.7								7.4	5.1
NNW		2.0									2.0	5.5
NW		2.0	1.3	.3							3.7	7.1
NNW	.3	2.7	.7	.3	1.0						5.1	8.5
VARIABLE												
CALM	//										1.0	////
TOTALS	6.1	35.0	30.3	22.6	4.7	.3					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58		
N		3.0	4.3	2.7	.3	.3						10.7	9.2
NNE	.3	3.7	3.3	6.7	2.3							16.4	11.0
NE	.3	1.0	3.3	6.4	.7							11.7	11.0
ENE		.7	3.0	1.7		.3						5.7	10.2
E			1.0	.3								1.3	9.0
ESE	.3	.3										.7	3.0
SE													
SSE		1.7	1.0	.3								3.0	6.7
S		3.7	1.3	2.0	.3							7.4	8.8
SSW		3.0	1.3	2.3								6.7	8.0
SW	.7	4.7	2.3									7.7	6.0
WSW	.3	2.3	1.0	.3								4.0	6.4
W	2.0	4.3	2.3	.3								9.0	5.5
WNW	.7	1.3	1.0	1.3								4.3	7.6
NNW		1.0	.7	.7								2.3	8.7
NNM	.7	2.3	2.7	2.0	.3							8.0	9.8
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	1.0	/
TOTALS	5.4	33.1	28.8	27.1	4.0	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.7	2.0	3.4								7.7 9.7
NNE	.3	4.4	5.1	8.4	1.3	.3						19.9 10.6
NE	.7	2.7	4.4	4.4								12.1 9.3
ENE	.7	1.3	1.0	2.4								5.4 8.7
E		2.4	.7									3.0 6.0
ESE												
SE	.7	.3	.3									1.3 4.5
SSE	.7	1.0	1.3	.3								3.4 7.1
S	1.3	3.0	2.7	2.4								9.4 7.7
SSW	1.7	2.7	1.7	2.0								8.1 7.0
SW	1.3	3.4	1.3									6.1 5.5
WSW	1.3	1.3	1.0									3.7 4.6
W	1.0	2.7	1.0	.3								5.1 5.3
WNW	.3	2.4	1.0	.3	.3							4.4 6.9
NW	.3	1.7	3.0									5.1 6.9
NNW	1.0	1.0	.3	1.7								4.0 8.5
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	/	1.3 //
TOTALS	12.1	32.0	26.9	25.6	1.7	.3						100.0 8.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47		
N	1.7	.7	.7	.7						3.6	10.1
NNE	2.6	5.9	2.0	3.0	.3					13.9	7.3
NE	1.7	5.3	5.0	3.3						15.2	7.6
ENE	1.0	5.6	3.3	.7						10.6	6.2
E	7.9	8.3	1.0	.3						17.5	4.0
ESE	1.0	1.7	.7							3.3	4.8
SE	2.0	1.7								3.6	3.3
SSE	2.6	4.3	.7							7.6	4.2
S	2.6	2.6	2.6	.3						8.3	5.6
SSW		1.0	1.0	.3						2.3	7.3
SW		.7		.7						1.3	8.3
MSW	.7	.3								1.0	3.3
W	.3	2.0	1.0							3.3	5.8
MNW	.3									2.3	2.0
NW	.3	.3		.3						1.0	6.7
NNW	1.0	.7	.3	.3						2.3	4.9
VARIABLE											
CALM	/	/	/	/	/	/	/	/	/	5.0	/
TOTALS	24.1	41.9	18.2	9.9	1.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.4	.4	.4	1.9	.8						3.8	12.1
NNE		2.3	3.0	2.3							8.0	9.4
NE	2.7	4.9	3.8	1.9							13.3	6.9
ENE	3.8	5.3	3.8	1.9	.4						15.2	6.5
E	15.6	10.3	.8								26.6	3.4
ESE	6.8	2.7	.4								9.9	3.0
SE	1.9	1.5									3.4	3.3
SSE	1.1	3.4	.8	.4							5.7	5.6
S	1.9	1.1	.4								3.4	3.7
SSW		.8									1.1	9.0
SW											.4	26.0
WSW												
W											.4	8.0
WNW		.4	.4								1.1	9.3
NW			1.1								1.1	5.7
NNW		.4									.8	7.5
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	5.7	/
TOTALS	34.6	34.2	19.1	8.7	1.9	.8					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.6	1.4	1.7	2.2	.4	.0					6.2	9.5
NNE	1.0	3.3	3.4	4.2	1.0	.1					12.9	9.5
NE	1.5	3.9	4.0	3.3	.3						13.0	8.2
ENE	2.0	3.3	2.9	1.3	.1	.1					9.8	7.0
E	6.3	5.8	1.2	.4							13.8	4.1
ESE	2.7	1.4	.2								4.3	3.3
SE	1.1	1.2	.1								2.3	3.8
SSE	1.4	2.0	.7	.1							4.3	4.8
S	1.4	2.7	1.8	.6	.1						6.6	6.5
SSW	.9	2.3	1.1	.8	.1						5.2	6.5
SW	.6	1.8	.7	.1		.0					3.4	5.9
WSW	.8	1.0	.4	.1							2.3	4.8
W	.7	2.0	.9	.3							3.9	5.6
MNW	.4	.9	.5	.3	.1						2.3	6.7
NW	.3	.8	.7	.4		.0					2.4	7.5
NNW	.7	1.1	.8	.7	.2	.1					3.6	7.9
VARIABLE												
CALM	/	/	/	/	/	/	/	/	/	/	3.7	/
TOTALS	22.5	35.1	21.1	14.9	2.2	.4	.1				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 2353

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919580 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-85  
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.4	1.4	1.1	.2	.1	.0					4.9	8.6
NNE	.9	2.6	3.1	2.9	.7	.1	.0					10.2	9.3
NE	1.5	3.9	3.3	3.1	.5	.0	.0					12.4	8.3
ENE	2.7	3.8	1.8	1.2	.2	.1	.0					9.7	6.2
E	7.9	6.1	.7	.3	.1	.0						15.0	3.8
ESE	2.8	1.6	.1	.0	.0	.0						4.6	3.3
SE	1.8	1.2	.2	.1								3.3	3.7
SSE	1.9	2.3	.9	.4	.1	.0	.0					5.6	5.5
S	1.4	3.0	1.9	1.3	.3	.0		.0	.0			7.9	7.3
SSW	1.0	2.5	1.3	.8	.1	.0						5.7	6.6
SW	.8	1.8	.7	.2	.0	.0						3.6	5.6
WSW	.7	1.2	.4	.0	.0	.0		.0				2.4	4.9
W	1.0	1.8	.7	.1	.0							3.5	5.0
WNW	.4	.8	.3	.1	.0							1.6	5.3
NW	.4	.8	.4	.2	.0	.0						1.8	6.0
NNW	.5	.9	.6	.2	.1	.0						2.4	6.6
VARIABLE													
CALM	//											5.4	7.7
TOTALS	26.4	35.7	17.8	12.0	2.4	.3	.0	.0	.0			100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 27487

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-85  
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE  
AND/OR  
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	1.3	2.2	4.0	1.1	.3	.1					9.8	11.4
NNE	.4	2.4	5.5	5.0	2.0	.5						15.8	11.2
NE	.9	3.8	5.0	5.3	1.2	.1						16.3	10.0
ENE	1.0	3.1	3.3	3.6	.4	.1	.2					11.7	9.4
E	1.7	3.9	1.7	1.1	.2							8.7	6.5
ESE	.5	1.0	.1			.1						1.7	5.6
SE	.7	1.2	.4	.1								2.4	5.0
SSE	.9	2.4	1.2	.5	.2		.2					5.4	7.6
S	.9	2.0	1.6	1.0	.3			.1	.1			6.0	9.0
SSW	.2	1.1	.9	.2	.3							2.7	6.1
SW	.4	.9	.3	.1								1.7	5.6
WSW	.7	.2	.3	.2		.1						1.5	7.4
W	.1	.4	.8	1.2	.2							2.7	10.5
WNW	.2	.8	.9	.8	.3							2.9	9.4
NW	.4	.5	1.1	1.2	.2	.2						3.7	10.4
NNW	.3	.9	1.4	1.1	.9	.4						5.0	12.0
VARIABLE													
CALM	/	/	/	/	/	/	/	/	/	/	/	2.1	/
TOTALS	10.1	25.8	26.7	25.4	7.4	2.0	.5	.1	.1			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 923

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS -

STATION NUMBER: 919360 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE	20000	50.8	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE	18000	50.8	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE	16000	50.8	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE	14000	56.6	67.5	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE	12000	56.6	67.5	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE	10000	58.3	70.8	70.8	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	9000	58.3	70.8	70.8	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	8000	58.3	70.8	70.8	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	7000	58.3	70.8	70.8	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	6000	58.3	70.8	70.8	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	5000	60.7	75.3	75.3	75.3	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE	4500	60.7	75.6	75.9	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE	4000	63.1	80.0	80.7	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE	3500	63.1	80.0	80.7	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE	3000	63.1	87.5	88.8	89.2	89.8	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.8	90.8
GE	2500	63.1	87.8	89.2	89.5	90.2	90.5	90.5	90.8	90.8	90.8	90.8	90.8	91.2	91.2	91.2
GE	2000	63.1	90.2	91.9	92.2	92.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9
GE	1800	63.1	90.2	91.9	92.2	92.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9
GE	1500	63.1	90.8	92.5	92.9	93.9	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9
GE	1200	63.1	93.9	96.6	97.5	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE	1000	63.1	93.9	96.6	97.5	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE	900	63.1	93.9	96.6	97.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE	800	63.1	93.9	96.6	97.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE	700	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	600	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	500	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	400	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	300	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	200	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	100	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	0	63.1	93.9	96.6	97.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 819380 STATION

STATION NUMBER: 919380

TOTAL NUMBER OF OBSERVATIONS: 264

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 1200-1400

TOTAL NUMBER OF OBSERVATIONS: 266

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	63.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	63.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	63.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	70.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 12000	70.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 10000	70.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 9000	70.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 8000	70.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 7000	70.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	70.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	71.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	72.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	74.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	74.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	74.6	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2500	74.6	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	75.0	92.3	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	75.0	92.3	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	75.0	92.7	93.8	94.2	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	75.0	94.6	95.8	96.2	96.5	96.5	96.5	96.9	97.3	97.3	97.3	97.3	97.7	97.7	98.1	98.1
GE 1000	75.0	94.6	95.8	96.2	96.5	96.5	96.5	96.9	97.3	97.3	97.3	97.3	97.7	97.7	98.1	98.1
GE 900	75.0	94.6	95.8	96.2	96.5	96.5	96.5	96.9	97.3	97.3	97.3	97.3	97.7	97.7	98.1	98.1
GE 800	75.0	94.6	95.8	96.2	96.5	96.5	96.5	96.9	97.3	97.3	97.3	97.3	97.7	97.7	98.1	98.1
GE 700	75.0	94.6	95.8	96.5	97.3	97.3	97.3	98.1	98.5	98.5	98.5	98.5	98.8	98.8	99.2	99.2
GE 600	75.0	94.6	95.8	96.5	97.3	97.3	97.3	98.1	98.5	98.5	98.5	98.5	98.8	98.8	99.2	99.2
GE 500	75.0	94.6	95.8	96.5	97.3	97.3	97.3	98.1	98.5	98.5	98.5	98.5	98.8	98.8	99.2	99.2
GE 400	75.0	94.6	95.8	96.5	97.3	97.7	97.7	98.5	98.8	98.8	98.8	98.8	99.6	99.6	100.0	100.0
GE 300	75.0	94.6	95.8	96.5	97.3	97.7	97.7	98.5	98.8	98.8	98.8	98.8	99.6	99.6	100.0	100.0
GE 200	75.0	94.6	95.8	96.5	97.3	97.7	97.7	98.5	98.8	98.8	98.8	98.8	99.6	99.6	100.0	100.0
GE 100	75.0	94.6	95.8	96.5	97.3	97.7	97.7	98.5	98.8	98.8	98.8	98.8	99.6	99.6	100.0	100.0
GE 0	75.0	94.6	95.8	96.5	97.3	97.7	97.7	98.5	98.8	98.8	98.8	98.8	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 260

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0600-0800

CEILING FEET	VISIBILITY IN STATUTE MILES															
	IN 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.8
GE 20000	63.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.6
GE 18000	63.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.6
GE 16000	63.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.6
GE 14000	71.8	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.1
GE 12000	71.8	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.1
GE 10000	72.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.9
GE 9000	72.9	83.5	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.6
GE 8000	72.9	83.5	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.6
GE 7000	72.9	83.5	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.6
GE 6000	72.9	83.5	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.6
GE 5000	74.4	85.0	85.3	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4
GE 4500	74.4	85.0	85.3	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4
GE 4000	75.8	87.5	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0
GE 3500	75.8	87.5	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0
GE 3000	76.2	90.5	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0
GE 2500	76.2	90.8	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4
GE 2000	76.6	91.9	93.8	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2
GE 1800	76.6	91.9	93.8	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2
GE 1500	76.6	91.9	94.5	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.0
GE 1200	76.9	94.5	97.4	97.8	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 1000	76.9	94.5	97.4	97.8	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 800	76.9	94.5	97.4	97.8	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 700	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 600	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 500	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 400	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 300	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 200	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 100	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 0	76.9	95.2	98.2	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH  
USAFTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 0	GE	GE	GE	GE	GE	GE	GE	GE							
NO CEIL	64.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	68.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	68.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000	68.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	74.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 12000	74.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 10000	74.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 9000	74.8	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 8000	74.8	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 7000	74.8	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 6000	74.8	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	76.0	86.3	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	76.0	86.3	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4000	76.7	87.8	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	76.7	87.8	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	77.5	90.8	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	77.5	90.8	91.6	91.6	92.0	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	77.9	92.7	93.5	93.9	94.7	95.0	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	77.9	92.7	93.5	93.9	94.7	95.0	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	77.9	92.7	93.9	94.3	95.0	95.4	95.4	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	77.9	95.0	97.3	97.7	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	77.9	95.0	97.3	97.7	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	77.9	95.0	97.3	97.7	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	77.9	95.0	97.3	97.7	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	77.9	95.0	97.7	98.1	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 262

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10 GE 6 GE 5 GE 4 GE 3 GE 2 1/2 GE 2 1 1/2 GE 1 1/4 GE 1 GE 3/4 GE 5/8 GE 1/2 GE 5/16 GE 1/4 GE 0																	
NO CEIL	62.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 20000	66.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	66.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	66.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 14000	71.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 12000	71.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 10000	72.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	72.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	72.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 7000	72.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 6000	72.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	72.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	72.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	73.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	73.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	73.5	91.2	92.3	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	73.5	91.5	92.6	93.0	93.4	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	73.5	92.3	93.4	93.8	95.6	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	73.5	92.3	93.4	93.8	95.6	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	73.5	92.6	93.8	94.1	96.0	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	73.9	93.8	95.2	95.6	97.8	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	73.9	93.8	95.2	96.0	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	73.9	93.8	95.2	96.0	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	73.9	93.8	95.2	96.0	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	73.9	94.5	96.0	96.7	96.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	73.9	94.5	96.0	96.7	98.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	73.9	94.5	96.0	96.7	98.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	73.9	94.5	96.0	96.7	98.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	73.9	94.5	96.0	96.7	98.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.9	94.5	96.0	96.7	98.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.9	94.5	96.0	96.7	98.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	73.9	94.5	96.0	96.7	98.9	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	GE 6	GE 5	GE 4	GE 3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE 0		
NO CEIL	37.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	
GE 20000	45.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	
GE 18000	45.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
GE 16000	45.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
GE 14000	56.1	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	
GE 12000	56.2	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	
GE 10000	58.9	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
GE 9000	58.9	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
GE 8000	58.9	71.8	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	
GE 7000	58.9	71.8	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 6000	59.0	72.1	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	
GE 5000	62.4	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
GE 4500	62.6	77.6	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	
GE 4000	69.7	82.8	83.4	83.6	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 3500	69.7	82.9	83.4	83.7	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	
GE 3000	65.6	88.0	89.4	89.7	90.4	90.9	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
GE 2500	65.6	88.3	89.6	90.3	90.7	91.2	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	
GE 2000	65.8	89.4	91.1	91.6	92.6	93.2	93.2	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.1	
GE 1800	65.8	89.4	91.1	91.6	92.6	93.2	93.2	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.1	
GE 1500	65.9	90.6	92.4	93.0	94.0	94.7	94.7	95.2	95.9	95.5	95.5	95.5	95.5	95.6	95.7	95.7	95.8	
GE 1200	66.2	93.1	95.2	95.8	96.9	97.8	97.8	98.3	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	
GE 1000	66.2	93.1	95.2	95.8	97.0	97.9	97.9	98.4	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.1	
GE 900	66.2	93.1	95.2	95.8	97.0	97.9	97.9	98.4	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.1	
GE 800	66.2	93.1	95.2	95.8	97.0	97.9	97.9	98.4	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.1	
GE 700	66.2	93.4	95.8	96.4	97.6	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.9	
GE 600	66.2	93.4	95.8	96.4	97.6	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.9	
GE 500	66.2	93.4	95.8	96.4	97.6	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.9	
GE 400	66.2	93.4	95.8	96.5	97.8	98.7	98.7	99.3	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	100.0	
GE 300	66.2	93.4	95.8	96.5	97.8	98.7	98.7	99.3	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	100.0	
GE 200	66.2	93.4	95.8	96.5	97.8	98.7	98.7	99.3	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	100.0	
GE 100	66.2	93.4	95.8	96.5	97.8	98.7	98.7	99.3	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	100.0	
GE 0	66.2	93.4	95.8	96.5	97.8	98.7	98.7	99.3	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2331

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTHS: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	53.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	53.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	53.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	58.8	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 12000	58.8	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	61.0	73.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	61.0	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	61.0	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	61.0	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	61.0	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	66.3	81.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	66.3	81.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	66.7	83.9	85.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	67.0	84.3	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	68.2	89.5	92.5	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	68.2	89.5	92.5	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	68.5	90.3	94.4	95.1	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	68.5	90.3	94.4	95.1	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	68.5	90.6	95.1	95.9	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	69.3	92.9	97.4	98.1	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	69.3	92.9	97.4	98.1	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	69.3	92.9	97.4	98.1	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	69.3	92.9	97.4	98.1	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	69.3	93.3	98.1	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 257

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES																	
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	1	39.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	
GE 20000	1	45.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
GE 18000	1	45.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
GE 16000	1	45.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
GE 14000	1	54.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
GE 12000	1	54.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 10000	1	57.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
GE 9000	1	57.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	
GE 8000	1	57.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
GE 7000	1	57.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
GE 6000	1	57.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	
GE 5000	1	61.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 4500	1	61.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 4000	1	64.4	83.1	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
GE 3500	1	64.4	83.1	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
GE 3000	1	64.4	86.4	88.1	88.5	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
GE 2500	1	64.4	86.4	88.1	88.5	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 2000	1	64.4	87.1	88.8	89.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
GE 1800	1	64.4	87.1	88.8	89.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
GE 1500	1	64.7	88.8	91.5	91.9	92.9	94.2	94.2	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 1200	1	65.1	91.2	93.9	94.2	95.6	97.3	97.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 1000	1	65.1	91.2	93.9	94.2	95.6	97.3	97.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 900	1	65.1	91.2	93.9	94.2	95.6	97.3	97.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 800	1	65.1	91.2	93.9	94.2	95.6	97.3	97.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 700	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	1	65.1	92.2	95.9	96.3	97.6	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE	GE	
NO CEIL	27.2	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	
GE 20000	37.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
GE 18000	37.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	
GE 16000	37.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	
GE 14000	50.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	
GE 12000	51.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
GE 10000	55.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
GE 9000	55.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
GE 8000	55.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
GE 7000	55.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
GE 6000	55.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
GE 5000	59.2	76.5	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 4500	59.9	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
GE 4000	61.9	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	
GE 3500	61.9	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	
GE 3000	63.3	88.1	89.1	89.5	89.8	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 2500	63.3	88.1	89.1	89.5	89.8	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 2000	63.6	89.5	90.5	91.2	91.8	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 1800	63.6	89.5	90.5	91.2	91.8	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 1500	63.9	91.5	92.5	93.2	93.9	94.6	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 1200	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1000	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 900	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 800	64.6	94.9	95.9	96.5	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	64.6	94.9	95.9	96.5	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 600	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 500	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 300	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 200	64.6	94.9	95.9	96.5	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 100	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 0	64.6	94.9	95.9	96.6	97.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.6	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 20000	36.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	36.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	36.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000	50.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 12000	50.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	52.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	52.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	52.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	52.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 6000	53.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	56.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	56.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	60.1	79.7	79.7	80.4	80.7	80.7	80.7	80.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	60.1	79.7	79.7	80.4	80.7	80.7	80.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	61.5	86.7	87.0	87.7	88.4	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	61.8	87.4	87.7	88.4	89.0	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	62.1	88.7	89.0	89.7	90.7	91.4	91.4	92.0	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	62.1	88.7	89.0	89.7	90.7	91.4	91.4	92.0	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	62.5	90.4	90.7	91.4	93.0	93.7	93.7	94.4	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	62.8	93.0	93.4	94.0	95.7	97.0	97.0	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	62.8	93.0	93.4	94.3	95.7	97.0	97.0	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	62.8	93.0	93.4	94.0	95.7	97.0	97.0	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	62.8	93.0	93.4	94.0	95.7	97.0	97.0	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	62.8	93.4	93.7	94.4	96.0	97.7	97.7	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	62.8	93.4	93.7	94.4	96.0	97.7	97.7	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	62.8	93.4	93.7	94.4	96.0	97.7	97.7	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	62.8	93.4	94.0	94.7	97.0	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.8	93.4	94.0	94.7	97.0	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.8	93.4	94.0	94.7	97.0	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.8	93.4	94.0	94.7	97.0	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	62.8	93.4	94.0	94.7	97.0	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 331

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	32.2	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.3	
GE	20000	43.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	
GE	18000	43.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	
GE	16000	43.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	
GE	14000	57.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2	
GE	12000	57.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.6	
GE	10000	61.0	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	
GE	9000	61.0	76.0	76.0	76.3	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1	
GE	8000	61.0	76.0	76.0	76.3	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1	
GE	7000	61.0	76.0	76.0	76.3	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1	
GE	6000	61.0	76.4	76.4	76.7	76.7	76.7	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	
GE	5000	63.7	79.8	79.8	80.1	80.1	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.8	
GE	4500	64.4	80.5	80.5	80.8	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.5	
GE	4000	66.1	84.6	84.9	84.9	85.6	85.6	85.6	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6	
GE	3500	66.1	84.6	84.9	84.9	85.6	85.6	85.6	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6	
GE	3000	67.1	87.3	88.4	89.0	90.1	90.1	90.1	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.4	
GE	2500	67.1	88.0	89.0	89.7	90.8	90.8	90.8	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1	
GE	2000	67.5	89.0	90.1	91.4	92.8	92.8	92.8	93.8	94.2	94.2	94.2	94.2	94.5	94.5	94.5	95.2	
GE	1800	67.5	89.0	90.1	91.4	92.8	92.8	92.8	93.8	94.2	94.2	94.2	94.2	94.5	94.5	94.5	95.2	
GE	1500	67.5	89.7	90.8	92.1	93.5	93.5	93.5	94.9	95.5	95.5	95.5	95.5	95.9	95.9	95.9	96.6	
GE	1200	67.8	91.8	93.5	94.9	96.2	96.2	96.2	97.6	98.3	98.3	98.3	98.3	98.6	98.6	98.6	99.3	
GE	1000	67.8	91.8	93.5	95.2	96.6	96.6	96.6	97.9	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.7	
GE	900	67.8	91.8	93.5	95.2	96.6	96.6	96.6	97.9	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.7	
GE	800	67.8	91.8	93.5	95.2	96.6	96.6	96.6	97.9	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.7	
GE	700	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	
GE	600	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	
GE	500	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	
GE	400	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	
GE	300	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	
GE	200	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	
GE	100	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	
GE	0	67.8	91.8	93.8	95.5	96.9	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 910380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	40.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	
GE 20000	51.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
GE 18000	51.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
GE 16000	51.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
GE 14000	63.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 12000	63.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
GE 10000	67.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
GE 9000	67.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 8000	67.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 7000	67.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 6000	67.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
GE 5000	69.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 4500	69.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 4000	69.7	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
GE 3500	69.7	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
GE 3000	71.4	90.5	90.8	90.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	
GE 2500	71.4	90.8	91.2	91.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	
GE 2000	71.4	90.8	91.8	91.8	93.2	93.5	93.5	93.5	93.5	93.9	93.9	94.2	94.2	94.6	94.6	94.6	94.6	
GE 1800	71.4	90.8	91.8	91.8	93.2	93.5	93.5	93.5	93.5	93.9	93.9	94.2	94.2	94.6	94.6	94.6	94.6	
GE 1500	71.4	92.5	93.5	93.5	94.9	95.2	95.2	95.2	95.2	95.9	95.9	96.3	96.3	96.6	96.6	96.6	96.6	
GE 1200	71.8	93.9	94.9	94.9	96.3	96.6	96.6	96.6	96.6	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	
GE 1000	71.8	93.9	94.9	94.9	96.3	96.6	96.6	96.6	96.6	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	
GE 900	71.8	93.9	94.9	94.9	96.3	96.6	96.6	96.6	96.6	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	
GE 800	71.8	93.9	94.9	94.9	96.3	96.6	96.6	96.6	96.6	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	
GE 700	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	
GE 600	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	
GE 500	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	
GE 400	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	
GE 300	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	
GE 200	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	
GE 100	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	
GE 0	71.8	94.2	95.9	95.9	97.6	98.0	98.0	98.0	98.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	44.0	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
GE 20000	49.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
GE 18000	49.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
GE 16000	49.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
GE 14000	57.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
GE 12000	57.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 10000	59.0	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
GE 9000	59.0	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 8000	59.0	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 7000	59.0	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 6000	59.0	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 5000	62.1	74.7	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
GE 4500	62.1	75.1	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
GE 4000	65.5	82.9	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 3500	65.5	82.9	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 3000	65.5	88.4	90.4	90.8	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 2500	65.9	88.4	90.4	90.8	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 2000	65.9	90.1	92.5	92.8	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 1800	65.9	90.1	92.5	92.8	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 1500	65.9	90.1	92.8	93.2	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 1200	65.9	92.8	95.9	96.2	97.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1000	65.9	92.8	95.9	96.2	97.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 900	65.9	92.8	95.9	96.2	97.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 800	65.9	92.8	95.9	96.2	97.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	65.9	93.2	96.2	96.5	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	65.9	93.2	96.2	96.5	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	65.9	93.2	96.2	96.6	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	65.9	93.2	96.2	96.6	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	65.9	93.2	96.2	96.6	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	65.9	93.2	96.2	96.6	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	65.9	93.2	96.2	96.6	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	65.9	93.2	96.2	96.6	97.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS: 1800-2000

CEILING

	IN	10	GE	6	GE	5	GE	4	GE	3	GE	2 1/2	GE	2	1 1/2	GE	1 1/4	GE	1	3/4	GE	5/8	GE	1/2	5/16	GE	1/4	GE	0		
FEET																															
NO CEIL	50.6	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4			
GE	20000	61.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5			
GE	18000	61.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5			
GE	16000	61.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5			
GE	14000	65.2	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3			
GE	12000	65.2	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3			
GE	10000	65.9	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1			
GE	9000	65.9	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9			
GE	8000	65.9	80.1	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3			
GE	7000	65.9	80.1	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3			
GE	6000	65.9	80.1	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3			
GE	5000	67.0	82.8	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3			
GE	4500	67.0	82.8	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3			
GE	4000	68.9	86.1	87.3	87.6	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4			
GE	3500	68.9	86.1	87.3	87.6	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4			
GE	3000	69.7	90.3	91.8	92.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6			
GE	2500	69.7	90.3	91.8	92.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6			
GE	2000	69.7	90.3	92.1	92.9	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4			
GE	1800	69.7	90.3	92.1	92.9	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4			
GE	1500	69.7	90.6	92.5	93.3	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8			
GE	1200	69.7	92.9	95.1	95.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1			
GE	1000	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	900	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	800	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	700	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	600	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	500	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	400	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	300	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	200	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	100	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
GE	01	69.7	92.9	95.1	95.9	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATMIE MILES																	
	10	8	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
N) CEIL	59.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
GE 20000	64.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
GE 18000	64.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
GE 16000	64.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
GE 14000	68.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
GE 12000	68.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
GE 10000	70.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	
GE 9000	70.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
GE 8000	71.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 7000	71.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 6000	71.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 5000	72.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 4500	72.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 4000	73.0	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 3500	73.0	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 3000	73.0	92.1	92.5	93.4	93.8	94.2	94.6	95.0	95.4	95.8	96.2	96.6	97.0	97.4	97.8	98.2	98.6	
GE 2500	73.4	92.5	92.9	93.8	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 2000	73.4	92.5	92.9	93.4	94.6	94.6	95.4	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 1800	73.4	92.5	92.9	93.4	94.6	94.6	95.4	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 1500	73.4	92.5	92.9	93.4	94.0	94.0	95.4	95.4	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1200	73.4	92.5	92.9	93.4	94.0	94.0	95.4	95.4	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1000	73.9	94.2	94.6	95.3	97.5	98.3	98.3	98.3	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 900	73.9	94.2	94.6	95.3	97.5	98.3	98.3	98.3	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 800	73.9	94.2	94.6	95.3	97.5	98.3	98.3	98.3	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	73.9	94.2	95.0	95.4	97.9	98.8	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES.																
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE
NO CEIL	1	48.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
GE 20000	1	60.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 18000	1	60.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 16000	1	60.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	1	67.3	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 12000	1	67.3	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	1	68.3	79.8	80.0	80.3	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 9000	1	68.3	80.1	80.3	80.4	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 8000	1	68.4	80.1	80.4	80.5	80.7	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	1	68.4	80.1	80.4	80.5	80.7	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	1	68.4	80.2	80.5	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
GE 5000	1	69.8	82.9	83.3	83.4	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	1	69.9	83.0	83.4	83.5	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	1	71.5	86.4	86.8	86.9	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	1	71.5	86.4	86.8	86.9	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	1	72.1	90.1	91.1	91.4	91.9	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
GE 2500	1	72.2	90.5	91.5	91.8	92.3	92.6	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	1	72.4	91.4	92.5	93.1	94.1	94.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	1	72.4	91.4	92.5	93.1	94.1	94.5	94.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	1	72.4	91.7	93.1	93.6	94.6	95.1	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 1200	1	72.6	93.8	95.6	96.2	97.4	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	1	72.6	93.8	95.6	96.2	97.6	98.1	98.1	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1
GE 900	1	72.6	93.8	95.6	96.2	97.6	98.1	98.1	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1
GE 800	1	72.6	93.8	95.6	96.2	97.6	98.2	98.2	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.8	99.9
GE 700	1	72.6	94.2	96.2	96.8	98.2	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
GE 600	1	72.6	94.2	96.2	96.8	98.2	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
GE 500	1	72.6	94.2	96.2	96.8	98.2	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
GE 400	1	72.6	94.2	96.2	96.8	98.3	98.9	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 300	1	72.6	94.2	96.2	96.8	98.3	98.9	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 200	1	72.6	94.2	96.2	96.8	98.3	98.9	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 100	1	72.6	94.2	96.2	96.8	98.3	98.9	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 01	1	72.6	94.2	96.2	96.8	98.3	98.9	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2105

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85

MONTH: MAR HOURS(LST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES															
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	65.3	68.7	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7
GE 20000	70.0	76.4	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4
GE 18000	70.0	76.4	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4
GE 16000	70.0	76.4	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4
GE 14000	73.4	82.5	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5
GE 12000	73.4	82.5	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5
GE 10000	74.4	83.5	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5
GE 9000	74.4	83.5	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5
GE 8000	74.4	83.5	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5
GE 7000	74.4	83.5	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5
GE 6000	74.4	83.5	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5
GE 5000	75.8	86.9	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9
GE 4500	75.8	86.9	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9
GE 4000	77.1	89.6	89.9	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2
GE 3500	77.1	89.6	89.9	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2
GE 3000	78.1	93.6	94.6	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0
GE 2500	78.1	93.6	94.6	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0
GE 2000	78.5	93.9	94.9	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3
GE 1800	78.5	93.9	94.9	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3
GE 1500	78.5	93.9	94.9	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6
GE 1200	79.1	95.3	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0
GE 1000	79.1	95.3	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0
GE 800	79.1	95.3	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0
GE 700	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0
GE 600	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0
GE 500	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0
GE 400	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0
GE 300	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0
GE 200	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0
GE 100	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0
GE 0	79.5	96.0	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85

MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	VISIBILITY IN STATUTE MILES											
																	70.4	72.1	72.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 20000	77.1	80.5	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 18000	77.1	80.5	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 16000	77.1	80.5	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 14000	80.1	85.5	85.5	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 12000	80.5	85.9	85.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
GE 10000	80.8	86.5	86.5	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 9000	80.8	86.5	86.5	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 8000	80.8	86.5	86.5	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 7000	80.8	86.9	87.2	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 6000	80.8	86.9	87.2	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 5000	81.8	88.9	89.2	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 4500	81.8	88.9	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 4000	82.8	91.2	91.6	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 3500	82.8	91.2	91.6	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 3000	83.2	94.3	94.6	94.9	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 2500	83.2	94.3	94.6	94.9	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 2000	83.2	94.6	94.9	95.3	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 1800	83.2	94.6	94.9	95.3	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 1500	83.2	94.6	94.9	95.3	96.0	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 1200	83.2	96.3	97.0	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1000	83.2	96.3	97.0	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 900	83.2	96.3	97.0	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 800	83.2	96.3	97.0	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 500	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 400	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 200	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 0	83.2	96.3	97.0	97.6	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10 GE	6 GE	5 GE	4 GE	3 GE	2 1/2 GE	2 GE	1 1/2 GE	1 1/4 GE	1 GE	3/4 GE	5/8 GE	1/2 GE	5/16 GE	1/4 GE	GE U		
NO CEIL	53.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	
GE 20000	67.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 18000	67.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 16000	67.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 14000	75.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 12000	75.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 10000	76.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
GE 9000	76.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 8000	76.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 7000	76.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 6000	76.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 5000	77.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 4500	77.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 4000	77.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
GE 3500	77.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
GE 3000	77.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 2500	77.6	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 2000	77.6	95.0	95.3	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 1800	77.6	95.0	95.3	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 1500	77.6	95.0	95.7	96.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0	
GE 1200	77.9	96.0	96.7	97.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1000	77.9	96.0	96.7	97.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 800	77.9	96.0	96.7	97.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 700	77.9	96.0	97.0	97.3	97.7	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.7	99.0	99.0	99.0	
GE 600	77.9	96.0	97.0	97.3	97.7	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.7	99.0	99.0	99.0	
GE 500	77.9	96.0	97.0	97.3	97.7	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.7	99.0	99.0	99.0	
GE 400	77.9	96.3	97.3	97.7	98.0	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.7	100.0	100.0	
GE 300	77.9	96.3	97.3	97.7	98.0	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.7	100.0	100.0	
GE 200	77.9	96.3	97.3	97.7	98.0	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.7	100.0	100.0	
GE 100	77.9	96.3	97.3	97.7	98.0	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.7	100.0	100.0	
GE 01	77.9	96.3	97.3	97.7	98.0	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10 GE	6 GE	5 GE	4 GE	3 GE	2 1/2 GE	2 GE	1 1/2 GE	1 1/4 GE	1 GE	3/4 GE	5/8 GE	1/2 GE	5/16 GE	1/4 GE	0 GE
NO CEIL	47.5	50.2	50.2	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 2000	64.5	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 1800	64.5	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 1600	64.5	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 1400	72.1	81.4	81.7	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1200	77.1	81.4	81.7	82.1	82.1	82.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	73.1	83.1	83.4	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 900	73.1	83.1	83.4	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 800	73.1	83.1	83.4	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 700	73.1	83.1	83.4	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 600	73.1	83.1	83.4	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 500	74.8	85.0	85.4	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	74.8	85.0	85.4	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	76.7	88.7	89.0	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	76.7	88.7	89.0	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	77.4	91.7	92.4	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	77.4	91.7	92.4	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	77.4	93.7	94.7	95.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	77.4	93.7	94.7	95.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	77.4	94.0	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	77.7	95.7	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	77.7	95.7	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	77.7	95.7	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	77.7	95.7	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	77.7	95.7	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	77.7	95.7	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	77.7	95.7	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	77.7	96.0	97.3	98.0	98.0	98.7	98.7	99.0	99.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 300	77.7	96.0	97.3	98.0	98.0	98.7	98.7	99.0	99.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 200	77.7	96.0	97.3	98.0	98.0	98.7	98.7	99.0	99.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 100	77.7	96.0	97.3	98.0	98.0	98.7	98.7	99.0	99.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 0	77.7	96.0	97.3	98.0	98.0	98.7	98.7	99.0	99.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE G. CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1200-1400

CEILING

IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0			

NO CEIL	38.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE	20000	54.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE	18000	54.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE	16000	54.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE	14000	62.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	12000	62.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	10000	62.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	9000	62.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	8000	62.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	7000	62.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	6000	62.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	5000	66.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE	4500	66.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE	4000	69.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	3500	69.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	3000	70.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE	2500	70.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE	2000	71.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	1800	71.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	1500	71.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	1200	71.2	96.1	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	1000	71.2	96.1	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	900	71.2	96.1	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	800	71.2	96.1	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	700	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	600	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	500	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	400	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	300	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	200	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	100	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	01	71.6	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL	38.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 20000	55.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0
GE 18000	55.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0
GE 16000	55.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.0
GE 14000	64.4	73.6	73.6	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.3
GE 12000	64.4	73.6	73.6	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.3
GE 10000	64.4	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0
GE 9000	64.4	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
GE 8000	64.4	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
GE 7000	64.4	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
GE 6000	64.4	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
GE 5000	66.8	79.5	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.1
GE 4500	67.1	80.1	80.1	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.8
GE 4000	69.2	86.3	86.6	86.6	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0
GE 3500	69.2	86.3	86.6	86.6	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0
GE 3000	70.2	91.6	92.1	92.5	92.8	93.5	93.5	93.5	93.5	93.8	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.5
GE 2500	70.5	92.1	92.5	92.8	93.2	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.9
GE 2000	70.9	92.8	93.2	93.8	94.2	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.9
GE 1800	70.9	92.8	93.2	93.8	94.2	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.9
GE 1500	70.9	93.5	93.8	94.5	94.9	95.5	95.5	95.5	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.6
GE 1200	70.9	95.5	95.9	96.5	96.9	97.6	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 1000	70.9	95.5	95.9	96.6	96.9	97.6	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 900	70.9	95.5	95.9	96.6	96.9	97.6	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 800	70.9	95.5	95.9	96.5	96.9	97.6	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 700	71.2	96.2	96.9	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 600	71.2	96.2	96.9	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	71.2	96.2	96.9	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	71.2	96.2	96.9	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	71.2	96.2	96.9	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	71.2	96.2	96.9	97.6	97.9	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	71.2	96.2	96.9	97.6	97.9	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	71.2	96.2	96.9	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85

PERIOD OF RECORD: 10-85  
MONTH: MAR HOURS(LST): 1800-2000

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE																
10	6	5	4	3	2	1/2	2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	69.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.8
GE 20000	73.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.9
GE 18000	73.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.9
GE 16000	73.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.9
GE 14000	76.9	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.9
GE 12000	76.9	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.9
GE 10000	76.9	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.9
GE 9000	76.9	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.9
GE 8000	76.9	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.9
GE 7000	76.9	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.9
GE 6000	76.9	85.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.9
GE 5000	78.4	88.8	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	90.3
GE 4500	78.4	88.8	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	90.3
GE 4000	80.2	91.4	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	93.3
GE 3500	80.2	91.4	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	93.3
GE 3000	81.7	94.4	95.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.4
GE 2500	81.7	94.4	95.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.4
GE 2000	81.7	94.4	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.8
GE 1800	81.7	94.4	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.8
GE 1500	81.7	94.8	95.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1
GE 1200	81.7	95.5	96.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.3
GE 1000	81.7	95.5	96.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.3
GE 900	81.7	95.5	96.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.3
GE 800	81.7	95.5	96.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.3
GE 700	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 600	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 500	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 400	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 300	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 200	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 100	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 0	81.7	95.9	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 258

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	55.8	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3
GE 20000	66.6	72.8	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
GE 18000	66.6	72.8	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
GE 16000	66.6	72.8	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
GE 14000	72.3	81.9	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6
GE 12000	72.4	82.0	82.1	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
GE 10000	72.8	82.6	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
GE 9000	72.8	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4
GE 8000	72.8	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4
GE 7000	72.8	82.7	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5
GE 6000	72.8	82.8	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.5
GE 5000	74.4	86.1	86.3	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 4500	74.5	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
GE 4000	76.1	89.6	89.9	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 3500	76.1	89.6	89.9	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 3000	76.8	93.1	93.7	94.0	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8
GE 2500	76.9	93.2	93.8	94.1	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9
GE 2000	77.0	93.9	94.5	94.9	95.2	95.4	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.9
GE 1800	77.0	93.9	94.5	94.9	95.2	95.4	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.9	95.9
GE 1500	77.0	94.1	94.8	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.4
GE 1200	77.3	96.0	96.9	97.5	97.8	98.2	98.2	98.4	98.5	98.6	98.6	98.8	98.8	98.9	98.9	99.1
GE 1000	77.3	96.0	96.9	97.5	97.8	98.2	98.2	98.4	98.5	98.6	98.6	98.8	98.8	98.9	98.9	99.1
GE 900	77.3	96.0	96.9	97.5	97.8	98.2	98.2	98.4	98.5	98.6	98.6	98.8	98.8	98.9	98.9	99.1
GE 800	77.3	96.0	96.9	97.5	97.8	98.2	98.2	98.4	98.5	98.6	98.6	98.8	98.8	98.9	98.9	99.1
GE 700	77.4	96.3	97.3	97.9	98.3	98.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7
GE 600	77.4	96.3	97.3	97.9	98.3	98.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7
GE 500	77.4	96.3	97.3	97.9	98.3	98.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.7
GE 400	77.4	96.4	97.4	98.0	98.4	98.8	98.8	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.8	100.0
GE 300	77.4	96.4	97.4	98.0	98.4	98.8	98.8	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.8	100.0
GE 100	77.4	96.4	97.4	98.3	98.4	98.8	98.8	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.8	100.0
GE 0	77.4	96.4	97.4	98.0	98.4	98.8	98.8	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2339

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000	71.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1800	71.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1600	71.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1400	75.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1200	75.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1000	76.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 900	76.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 800	76.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 700	76.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 600	76.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 500	77.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	77.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	78.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	78.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	79.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	79.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	79.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	79.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	79.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	79.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	79.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	79.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	79.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	79.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	79.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	79.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	79.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	79.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 200	79.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 100	79.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 01	79.8	97.9	98.3	98.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0300-0500

CEILING

	IN	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CTEL	68.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 20000	71.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	71.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 16000	71.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 14000	76.8	84.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 12000	77.2	84.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 10000	77.2	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 9000	77.2	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 8000	77.2	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 7000	77.2	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000	77.2	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 5000	79.0	88.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	79.0	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4000	79.8	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	79.8	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	80.1	94.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	80.5	94.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	80.5	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	80.5	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	80.5	95.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	80.5	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193RD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	68.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
GE 20000	73.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 18000	73.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 16000	73.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 14000	78.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 12000	78.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 10000	79.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 9000	79.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 8000	79.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 7000	79.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 6000	79.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 5000	82.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 4500	82.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 4000	86.3	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 1500	86.3	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 3000	87.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 2500	87.0	98.0	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 2000	87.0	98.0	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1800	87.0	98.0	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1500	87.0	98.7	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1200	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	87.0	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	60.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000	60.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000	60.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 14000	69.6	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.0
GE 12000	69.9	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	71.6	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1
GE 9000	71.6	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1
GE 8000	71.6	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1
GE 7000	71.6	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1
GE 6000	72.0	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 5000	75.3	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.5
GE 4500	75.7	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.8
GE 4000	81.8	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.3
GE 3500	81.8	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.3
GE 3000	83.1	96.6	97.3	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 2500	83.1	96.6	97.3	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 2000	83.1	97.3	98.0	98.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1800	83.1	97.3	98.0	98.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1500	83.1	97.3	98.0	98.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1200	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1000	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 900	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 800	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 700	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 600	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	83.1	97.6	98.3	98.3	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 1200-1400

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 0900-1100

CEILING FEET	IN	VISIBILITY IN STATUTE MILES																	
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	54.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	
GE	20000	65.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
GE	18000	65.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
GE	16000	65.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
GE	14000	76.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE	12000	76.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE	10000	77.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE	9000	77.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE	8000	77.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE	7000	77.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE	6000	77.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE	5000	81.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE	4500	81.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE	4000	81.6	94.6	95.0	95.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE	3500	83.6	94.6	95.0	95.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE	3000	84.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE	2500	84.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE	2000	84.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE	1800	84.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE	1500	84.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE	1200	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	1000	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	900	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	800	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	700	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	600	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	500	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	400	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	300	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	200	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	100	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	0	85.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	NO	VISIBILITY IN STATUTE MILES															
		CEIL	55.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE	10	6	5	4	3	2 1/2	GE	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE
20000	66.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
18000	66.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
16000	66.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
14000	76.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
12000	76.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
10000	76.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
9000	76.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
8000	76.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
7000	76.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
6000	76.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
5000	80.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4500	80.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
4000	82.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
3500	82.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
3000	82.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2500	82.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2000	82.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1800	82.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1500	82.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	82.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 0300-0500

CEILING	VISIBILITY IN STATUTE MILES																
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	71.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 20000	78.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 18000	78.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 16000	78.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 14000	81.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 12000	81.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 10000	81.8	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	81.8	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000	81.8	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 7000	81.8	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	81.8	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	84.5	91.8	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4500	84.5	91.8	92.4	92.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	86.9	95.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	86.9	95.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	87.6	97.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	87.6	97.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	87.6	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	87.6	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	87.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	87.6	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES																
	IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	68.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	76.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	76.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 16000	76.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 14000	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 12000	79.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 10000	79.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 9000	79.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	79.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000	79.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	79.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	82.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500	82.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	86.0	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500	86.0	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	86.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	87.0	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	87.0	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	87.0	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	87.0	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	87.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY RANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	53.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	
GE 20000	64.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 18000	64.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 16000	64.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 14000	71.3	79.8	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
GE 12000	71.5	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	
GE 10000	72.0	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	
GE 9000	72.0	81.2	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	
GE 8000	72.0	81.2	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	
GE 7000	72.0	81.2	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	
GE 6000	72.0	81.2	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	
GE 5000	74.2	85.1	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	
GE 4500	74.2	85.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	
GE 4000	76.3	89.5	89.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	
GE 3500	76.3	89.5	89.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	
GE 3000	77.1	92.8	93.3	93.4	93.7	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	
GE 2500	77.1	92.9	93.4	93.5	93.8	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 2000	77.3	93.5	94.0	94.2	94.6	94.6	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	
GE 1800	77.3	93.5	94.0	94.2	94.6	94.6	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	
GE 1500	77.5	94.2	94.9	95.0	95.5	95.6	95.6	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	
GE 1200	77.6	96.3	97.3	97.5	98.1	98.4	98.4	98.6	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	
GE 1000	77.6	96.3	97.4	97.6	98.1	98.4	98.4	98.6	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 800	77.6	96.3	97.4	97.6	98.1	98.4	98.4	98.6	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	
GE 700	77.6	96.5	97.6	97.8	98.4	98.8	98.8	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	
GE 600	77.6	96.5	97.6	97.8	98.4	98.8	98.8	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	
GE 500	77.6	96.5	97.6	97.8	98.4	98.8	98.8	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	
GE 400	77.6	96.5	97.7	97.8	98.5	98.9	98.9	99.1	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	
GE 300	77.6	96.5	97.7	97.8	98.5	98.9	98.9	99.1	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	
GE 200	77.6	96.6	97.7	97.9	98.5	99.0	99.0	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	
GE 100	77.6	96.6	97.7	97.9	98.5	99.0	99.0	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2258

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	61.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
GE 20000	67.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
GE 18000	67.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
GE 16000	67.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
GE 14000	72.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 12000	72.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 10000	73.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
GE 9000	73.7	84.7	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
GE 8000	73.7	84.7	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
GE 7000	73.7	84.7	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
GE 6000	73.7	84.7	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
GE 5000	75.2	87.4	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 4500	75.2	87.4	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 4000	76.0	90.5	90.8	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 3500	76.0	90.5	90.8	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 3000	76.0	93.1	93.5	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 2500	76.0	93.1	93.5	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 2000	76.3	93.9	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 1800	76.3	93.9	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 1500	76.7	94.7	95.0	95.0	95.3	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1200	76.7	96.9	97.7	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	76.7	96.9	97.7	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 800	76.7	96.9	97.7	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	76.7	97.3	98.1	98.5	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 262

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193BD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES.																	
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	D	
NO CEIL	60.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
GE 20000	66.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
GE 18000	66.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
GE 16000	66.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
GE 14000	72.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE 12000	72.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE 10000	72.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 9000	72.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 8000	72.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 7000	72.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 6000	72.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 5000	74.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
GE 4500	74.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
GE 4000	76.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
GE 3500	76.0	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
GE 3000	76.7	92.8	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 2500	76.7	92.8	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 2000	76.7	92.8	93.2	93.5	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1800	76.7	92.8	93.2	93.5	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1500	76.7	94.2	94.9	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
GE 1200	77.1	96.2	97.6	97.6	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 1000	77.1	96.2	97.6	97.6	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 900	77.1	96.2	97.6	97.6	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 800	77.1	96.2	97.6	97.6	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 700	77.1	96.2	97.6	97.6	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 600	77.1	96.2	97.6	97.6	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 500	77.1	96.2	97.6	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	77.1	96.2	97.6	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 300	77.1	96.2	97.6	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 200	77.1	96.2	97.6	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 100	77.1	96.2	97.6	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 0	77.1	96.2	97.6	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES.															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	1	37.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE	20000	54.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE	18000	54.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE	16000	54.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE	14000	64.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE	12000	64.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE	10000	65.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE	9000	65.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE	8000	65.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE	7000	65.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE	6000	65.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE	5000	67.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE	4500	67.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE	4000	71.8	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE	3500	71.8	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE	3000	73.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	2500	73.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE	2000	73.6	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	1800	73.6	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	1500	73.9	94.7	95.1	95.1	95.4	95.4	95.4	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1
GE	1200	74.3	96.8	97.5	97.5	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9
GE	1000	74.3	96.8	97.9	97.9	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3
GE	900	74.3	96.8	97.9	97.9	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3
GE	800	74.3	96.8	97.9	97.9	98.2	98.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3
GE	700	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	600	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	500	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	400	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	300	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	200	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	100	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE	0	74.3	97.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	37.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	
GE 20000	51.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 18000	51.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 16000	51.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 14000	63.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	
GE 12000	63.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 10000	64.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 9000	64.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 8000	64.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 7000	64.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 6000	64.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 5000	69.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 4500	69.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 4000	74.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 3500	74.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 3000	76.1	90.7	91.3	91.3	91.3	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
GE 2500	76.1	90.7	91.3	91.3	91.3	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
GE 2000	76.1	91.0	92.0	92.0	92.0	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 1800	76.1	91.0	92.0	92.0	92.0	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 1500	76.5	92.0	93.4	93.4	94.1	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	
GE 1200	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	
GE 1000	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	
GE 900	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 800	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 700	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 600	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 500	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 400	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 300	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 200	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 100	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 0	76.8	95.8	97.6	97.6	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 100	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	50.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	
GE 20000	65.5	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
GE 18000	65.5	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
GE 16000	65.5	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
GE 14000	73.2	80.8	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 12000	73.2	80.8	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 10000	74.6	82.2	82.9	83.3	83.6	83.6	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 9000	74.6	82.2	82.9	83.3	83.6	83.6	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 8000	74.6	82.2	82.9	83.3	83.6	83.6	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 7000	74.6	82.2	82.9	83.3	83.6	83.6	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 6000	74.6	82.2	82.9	83.3	83.6	83.6	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 5000	76.3	86.1	86.8	87.1	87.5	87.5	87.5	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 4500	76.3	86.1	86.8	87.1	87.5	87.5	87.5	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 4000	79.0	88.5	89.2	89.5	89.9	89.9	89.9	90.2	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
GE 3500	78.0	88.5	89.2	89.5	89.9	89.9	89.9	90.2	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
GE 3000	79.1	91.3	92.0	92.3	92.7	92.7	92.7	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE 2500	79.1	91.3	92.0	92.3	92.7	92.7	92.7	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE 2000	79.1	91.6	92.3	92.7	93.0	93.0	93.0	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 1800	79.1	91.6	92.3	92.7	93.0	93.0	93.0	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 1500	79.4	92.0	92.7	93.3	93.4	93.4	93.4	93.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 1200	79.4	94.4	95.1	95.5	95.8	95.8	96.2	96.5	96.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	
GE 1000	79.4	94.4	95.1	95.5	95.8	95.8	95.8	96.2	96.5	96.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	
GE 900	79.4	94.4	95.1	95.5	95.8	95.8	95.8	96.2	96.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	
GE 800	79.4	94.4	95.1	95.5	95.8	95.8	95.8	96.2	96.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	
GE 700	79.4	94.4	95.5	95.8	96.2	96.5	96.5	96.9	97.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	
GE 600	79.4	94.4	95.5	95.8	96.2	96.5	96.5	96.9	97.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	
GE 500	79.4	94.4	95.5	95.8	96.2	96.5	96.5	96.9	97.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	
GE 400	79.4	94.8	95.8	96.2	96.9	97.6	97.6	97.9	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	
GE 300	79.4	94.8	95.8	96.2	96.9	97.6	97.6	97.9	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	
GE 200	79.4	94.8	95.8	96.2	96.9	97.6	97.6	97.9	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	
GE 100	79.4	94.8	95.8	96.2	96.9	97.6	97.6	97.9	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	
GE 0	79.4	94.8	95.8	96.2	96.9	97.6	97.6	97.9	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	49.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	65.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	65.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	65.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	73.2	86.1	86.1	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1
GE 12000	73.2	86.1	86.1	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1
GE 10000	73.6	86.8	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9
GE 9000	73.6	86.8	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9
GE 8000	73.6	86.8	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9
GE 7000	73.6	86.8	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9
GE 6000	73.6	86.8	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9
GE 5000	75.4	90.7	90.7	91.1	91.4	91.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8
GE 4500	75.4	90.7	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8
GE 4000	75.7	92.1	92.1	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.6
GE 3500	75.7	92.1	92.1	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.6
GE 3000	76.1	93.9	94.3	94.6	95.4	95.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7
GE 2500	76.1	93.9	94.3	94.6	95.4	95.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7
GE 2000	76.4	94.5	95.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4
GE 1800	76.4	95.6	95.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4
GE 1500	76.4	95.4	96.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.5	97.5	97.9
GE 1200	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	99.3
GE 1000	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	99.3
GE 900	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	99.3
GE 800	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	99.3
GE 700	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.6
GE 600	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.6
GE 500	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.6
GE 400	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.6
GE 300	76.4	96.4	97.1	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.6
GE 200	76.4	96.8	97.5	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	100.0
GE 100	76.4	96.8	97.5	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	100.0
GE 0	76.4	96.8	97.5	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 280

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193HD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES																
	IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	SE
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	5/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	71.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 20000	1	76.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 18000	1	76.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GL 16000	1	76.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GL 14000	1	81.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GF 12000	1	81.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 10000	1	87.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 9000	1	82.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 8000	1	82.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GL 7000	1	82.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	1	82.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GT 5000	1	84.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	1	84.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	1	86.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	1	86.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	1	86.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	1	86.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GL 2000	1	86.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	1	86.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	86.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 919300 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 76-85  
MONTH: MAY HOURS(LST): ALL

CEILING	VISIBILITY IN STATUTE MILES																	
	IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	69.4	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	69.4	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000	69.4	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	76.8	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 12000	76.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 10000	77.9	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
GE 9000	77.9	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	77.9	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000	77.9	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	77.9	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 5000	81.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4500	81.4	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	84.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 3500	84.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 3000	85.6	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	85.7	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	85.8	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	85.8	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	85.8	98.2	98.6	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 1200	85.8	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	85.8	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	85.8	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	85.8	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	85.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	85.9	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	85.9	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.9	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.9	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.9	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.9	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	85.9	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2358

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193HD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-B4  
MONTH: JUN HOURS(LST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES																	
	IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	74.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
GE 20000	75.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 18000	75.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 16000	75.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 14000	80.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 12000	80.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 10000	80.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 9000	80.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 8000	80.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 7000	80.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 6000	80.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 5000	83.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 4500	83.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 4000	87.5	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 3500	87.5	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 3000	88.6	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 2500	88.6	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 2000	88.6	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 1800	88.6	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 1500	88.6	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 1200	88.6	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	88.6	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 900	88.6	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 800	88.6	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	88.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	88.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	88.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	88.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	88.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	88.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	88.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	88.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0300-0500

CEILING

IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	81.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE	20000	82.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE	18000	82.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE	16000	82.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE	14000	85.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE	12000	85.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE	10000	86.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE	9000	86.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE	8000	86.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE	7000	86.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE	6000	86.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
GE	5000	88.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE	4500	88.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE	4000	90.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE	3500	90.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE	3000	90.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE	2500	90.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE	2000	90.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE	1800	90.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE	1500	90.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE	1200	90.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	1000	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	900	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	800	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	700	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	600	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	500	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	400	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	300	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	200	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	0	90.7	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0600-0800

CEILING	IN FEET	VISIBILITY IN STATUTE MILES																	
		10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3		
NO CEIL	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
GE 20000	70.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
GE 18000	70.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
GF 16000	70.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
GE 14000	76.7	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
GF 12000	76.7	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
GE 10000	76.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
GE 9000	76.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
GE 8000	76.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
GE 7000	76.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
GE 6000	77.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE 5000	78.4	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE 4500	78.4	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE 4000	84.3	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 3500	84.3	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GF 3000	85.0	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GF 2500	85.0	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 2000	85.4	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 1400	85.4	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 1500	85.4	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 1200	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 1000	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 800	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 600	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 500	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 400	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 300	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 200	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 100	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 0	85.4	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0900-1100

CEILING	VISIBILITY IN STATUTE MILES																
	IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	75.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 12000	75.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 10000	76.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	76.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	76.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	76.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	76.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	79.6	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	79.6	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	83.1	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	83.1	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	85.2	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	85.2	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	85.2	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	85.2	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	85.2	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	85.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 284

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
GE 20000	64.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 18000	64.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 16000	64.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 14000	70.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
GE 12000	70.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
GE 10000	71.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 9000	71.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 8000	71.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 7000	71.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 6000	71.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 5000	75.5	82.1	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 4500	75.5	82.1	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 4000	82.4	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 3500	82.4	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 3000	83.8	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 2500	83.8	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 2000	84.1	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 1800	84.1	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 1500	84.1	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 1200	84.5	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 1000	84.5	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 900	84.5	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 800	84.5	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 700	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 600	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 500	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 300	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 200	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 100	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 0	84.5	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	60.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	60.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	60.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	67.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	67.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	68.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	68.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	68.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 7000	68.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	68.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	70.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	70.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	77.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3500	77.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	78.6	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	78.6	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	79.0	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	79.0	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	79.7	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	79.7	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	79.7	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	79.7	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	79.7	98.2	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	79.7	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	GE 10 6	GE 5 4	GE 3 2	1/2	VISIBILITY IN STATUTE MILES															
					GE 2 1	GE 1/2	GE 1 1/4	GE 1 1/4	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	GE 1/4	GE 1/2	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	72.7	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 20000	73.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 18000	73.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 16000	73.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 14000	76.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 12000	76.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 10000	76.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000	76.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 8000	76.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	76.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	76.9	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	79.0	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4500	79.0	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	82.9	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	82.9	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	82.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	82.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	82.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	82.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	82.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	82.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES																	
	IN FLEET	1 10	GL 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	73.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 20000	74.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 18000	74.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 16000	74.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
GE 14000	77.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
GE 12000	77.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
GE 10000	77.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 9000	77.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 8000	77.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 7000	77.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 6000	78.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
GE 5000	81.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 4500	81.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 4000	86.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 3500	86.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 3000	86.4	95.6	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 2500	86.8	96.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 2000	86.8	96.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1800	86.8	96.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1500	86.8	96.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1200	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	87.3	97.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 228

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FLEET	GE 10	GF 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO	CEIL	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE	2000	70.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
GE	1800	70.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
GE	1600	70.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
GE	1400	76.2	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE	1200	76.2	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE	1000	76.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE	900	76.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE	800	76.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE	700	76.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE	600	76.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE	500	79.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE	4500	79.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE	4000	84.3	93.1	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE	3500	84.3	93.1	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE	3000	85.1	96.7	97.3	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE	2500	85.2	96.8	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE	2000	85.3	97.2	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	
GE	1800	85.3	97.2	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	
GE	1500	85.4	97.6	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE	1200	85.5	98.3	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE	1000	85.5	98.3	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE	900	85.5	98.3	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE	800	85.5	98.3	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
GE	700	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE	600	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE	500	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE	400	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE	300	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE	200	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
GE	0	85.5	98.5	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2216

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0000-0200

CEILING FEET	VISIBILITY IN STATUTE MILES																
	IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
10	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	77.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE	20000	77.4	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE	18000	77.4	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE	16000	77.4	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE	14000	77.8	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE	12000	77.8	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE	10000	78.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	9000	78.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE	8000	78.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE	7000	78.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE	6000	78.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE	5000	81.0	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE	4500	81.0	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE	4000	88.5	95.7	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	3500	88.9	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	3000	89.2	97.8	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	2500	89.6	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	2000	89.6	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1800	89.6	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1500	89.6	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1200	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	01	89.6	98.6	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0300-0500

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 100	GE 60	GE 50	GE 40	GE 30	GE 20 1/2	GE 20	GE 15	GE 12 1/2	GE 10 1/4	GE 8 1/4	GE 5 1/2	GE 3 1/2	GE 2 1/2	GE 1 1/2	GE 1
NO CEIL	67.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 20000	69.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	69.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	69.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	73.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 12000	73.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 10000	74.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	74.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	74.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 7000	74.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	74.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000	76.8	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	76.8	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	81.7	92.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	81.7	92.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3000	82.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	82.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	82.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	82.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	83.0	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 0	83.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 299

AD-A159 607

TAHITI ISLAND PACIFIC LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARY (LISO..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 85

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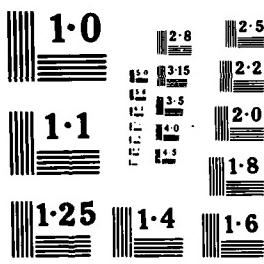
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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0900-1100

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	65.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 20000	68.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 18000	68.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 16000	69.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 14000	73.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	73.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000	73.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	73.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	73.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	73.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	73.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	77.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	77.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	85.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	85.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	86.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	86.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	86.9	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	86.9	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	86.9	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	86.9	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	86.9	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	86.9	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	86.9	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	86.9	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	86.9	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	86.9	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	86.9	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	86.9	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	86.9	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	86.9	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	86.9	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.9	
GE 20000	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7	
GE 18000	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7	
GE 16000	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7	
GE 14000	70.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.4	
GE 12000	70.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.4	
GE 10000	70.7	72.8	72.8	72.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	
GE 9000	70.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	
GE 8000	70.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	
GE 7000	71.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4	
GE 6000	71.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.8	
GE 5000	76.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	
GE 4500	76.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	
GE 4000	83.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	
GE 3500	83.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	
GE 3000	85.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.3	
GE 2500	85.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.3	
GE 2000	85.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	
GE 1800	85.2	96.9	97.5	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	
GE 1500	85.2	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	
GE 1200	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 1000	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 900	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 800	85.2	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 700	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 600	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 500	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 400	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 300	85.2	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 200	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 100	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	
GE 0	85.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	63.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 20000	65.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
GE 18000	65.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
GE 16000	65.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
GE 14000	68.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 12000	68.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 10000	69.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 9000	69.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 8000	69.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 7000	69.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 6000	70.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
GE 5000	75.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 4500	75.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 4000	84.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 3500	84.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 3000	85.4	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 2500	85.4	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 2000	85.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 1800	85.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 1500	85.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1200	85.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1000	85.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 900	85.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 800	85.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	85.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	72.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 20000	74.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 18000	74.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	74.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	76.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 12000	76.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	76.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	76.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	76.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	76.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	76.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	80.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	80.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	85.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	85.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	86.6	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	86.6	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	86.6	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	86.6	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	86.6	97.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	86.6	97.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	77.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
GE 20000	79.4	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
GE 18000	79.4	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
GE 16000	79.4	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
GE 14000	80.2	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
GE 12000	80.2	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
GE 10000	80.5	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 9000	80.9	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 8000	80.9	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 7000	80.9	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 6000	80.9	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 5000	84.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
GE 4500	84.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
GE 4000	88.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 3500	89.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 3000	89.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 2500	89.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 2000	89.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1800	89.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1500	89.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1200	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 900	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 800	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 600	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 500	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 400	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 300	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 200	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 100	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 0	89.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS: 257

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	70.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5
GE 20000	72.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6
GE 18000	72.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6
GE 16000	72.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6
GE 14000	74.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
GE 12000	74.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1
GE 10000	75.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	75.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0
GE 8000	75.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0
GE 7000	75.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
GE 6000	75.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 5000	79.6	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
GE 4500	79.6	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
GE 4000	85.6	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
GE 3500	85.7	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
GE 3000	86.6	97.3	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 2500	86.7	97.4	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 2000	86.8	97.5	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 1800	86.8	97.5	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 1500	86.8	97.8	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 1200	86.8	98.3	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9
GE 1000	86.8	98.3	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 900	86.8	98.3	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 800	86.8	98.3	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 700	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 01	86.8	98.3	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2269

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS/LST: 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	72.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 20000	74.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 18000	74.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 16000	74.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 14000	75.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
GE 12000	75.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
GE 10000	75.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 9000	75.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 8000	75.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 7000	75.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 6000	75.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 5000	80.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 4500	80.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 4000	80.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 3500	89.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 3000	90.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 2500	90.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 2000	90.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1800	90.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1500	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF 0	90.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10 GE	6 GE	5 GT	4 GE	3 GE	2 1/2 GE	2 GE	1 1/2 GE	1 1/4 GE	1 GE	3/4 GE	5/8 GE	1/2 GE	5/16 GE	1/4 GE	0 GE		
NO CEIL	78.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
GE 20000	78.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 18000	78.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 16000	78.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 14000	80.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
GE 12000	80.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
GE 10000	80.0	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 9000	80.0	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 8000	80.0	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 7000	80.0	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 6000	80.0	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 5000	82.8	85.6	86.0	86.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
GE 4500	82.8	85.6	86.0	86.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
GE 4000	91.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 3500	91.2	96.1	96.8	96.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 3000	91.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 2500	91.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 2000	91.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1800	91.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1500	91.9	98.9	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	91.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	72.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
GE	20000	74.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE	18000	74.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE	16000	74.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE	14000	77.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.0	82.0	82.0	
GE	12000	77.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.0	
GE	10000	77.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	
GE	9000	77.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	
GE	8000	77.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	
GE	7000	77.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	
GE	6000	77.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	
GE	5000	80.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	
GE	4500	80.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	
GE	4000	87.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.3	96.3	96.3	96.3	
GE	3500	87.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.3	96.3	96.3	96.3	
GE	3000	88.4	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	
GE	2500	88.4	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	
GE	2000	88.4	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	
GE	1800	88.4	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	
GE	1500	88.4	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	
GE	1200	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE	1000	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	900	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	800	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	700	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	600	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	500	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	400	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	300	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	200	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	100	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE	0	88.4	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.6
GE 20000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	76.0
GE 18000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	76.0
GE 16000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	76.0
GE 14000	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 12000	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 10000	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 9000	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 8000	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 7000	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 6000	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 5000	82.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	84.1
GE 4500	82.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	84.1
GE 4000	91.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 3500	91.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 3000	91.9	96.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 2500	91.9	96.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 2000	92.2	97.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1800	92.2	97.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1500	92.2	97.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 1200	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1000	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 900	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 800	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 700	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 600	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	92.2	98.0	99.0	99.3	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1200-1400

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE							
FEET	10	6	5	4	3	2	1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 20000	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 18000	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 16000	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 14000	66.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 12000	67.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 10000	67.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
GE 9000	67.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
GE 8000	67.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
GE 7000	67.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
GE 6000	67.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
GE 5000	72.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 4500	72.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 4000	87.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 3500	87.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 3000	89.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 2500	89.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 2000	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1800	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1500	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1200	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1000	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 900	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 800	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 700	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 500	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 400	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 200	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 0	89.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFTAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193HD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	0	1	2	3	4	5	6	7	8	1/2	1	1 1/2	1 1/4	1 1/4	1 1/2	2	3	4	5
NO CEIL	65.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	68.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	68.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	68.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	72.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	72.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 11000	72.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	72.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	72.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	72.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000	72.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000	75.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	76.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2700	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	98.2	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	98.2	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193HD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	60.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	62.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	62.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	62.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	69.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	69.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000	69.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	69.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	69.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 7000	69.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 6000	69.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	72.6	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	72.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	79.1	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	79.1	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	80.5	96.6	96.6	96.6	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	80.5	96.6	96.6	96.6	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	80.5	96.6	96.6	96.6	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	80.5	96.6	96.6	96.6	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	80.5	96.9	96.9	96.9	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	80.5	97.3	97.6	97.6	97.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	80.5	97.3	97.6	97.6	97.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	80.5	97.3	97.6	97.6	97.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	80.5	98.3	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919460 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO C ETL F 63.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	67.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	67.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 16000	67.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 14000	73.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 12000	73.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	74.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	74.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 8000	74.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	74.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	74.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	76.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	76.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	83.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	83.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	84.4	96.0	96.0	96.0	97.0	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	84.4	96.0	96.0	97.0	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	84.4	96.0	96.0	96.7	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	84.4	96.0	96.0	96.7	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	84.7	96.7	97.0	97.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	85.0	97.0	98.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	85.0	97.0	98.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	85.0	97.0	98.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	85.0	97.0	98.0	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 331

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																					
	GE 10 6	GE 5 4	GE 3 2 1/2	GE 2 1 1/2	GE 1 1/4	GE 1 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3	GE 10 6	GE 5 4	GE 3 2 1/2	GE 2 1 1/2	GE 1 1/4	GE 1 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
GE 20000	72.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 18000	72.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 16000	72.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 14000	75.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
GE 12000	75.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
GE 10000	76.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 9000	76.1	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE 8000	76.1	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE 7000	76.1	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE 6000	76.3	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
GE 5000	79.0	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	
GE 4500	79.1	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 4000	86.5	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 3500	86.5	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 3000	87.6	97.6	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 2500	87.7	97.7	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 2000	87.9	98.1	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1800	87.9	98.1	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1500	87.9	98.1	98.7	98.7	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 1200	88.1	98.3	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1000	88.1	98.3	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 900	88.1	98.3	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 800	88.1	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 700	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	88.1	98.6	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2226

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES																	
	IN FEET	1 GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	2 GE	1 GE	1 1/2 GE	1 GE	3/4 GE	5/8 GE	1/2 GE	5/16 GE	1/4 GE	0 GE	
NO CEIL	72.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 20000	74.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 18000	74.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 16000	74.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 14000	74.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 12000	74.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 10000	76.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 9000	76.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 8000	76.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 7000	76.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 6000	76.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 5000	80.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 4500	80.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 4000	86.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 3500	86.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 3000	87.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 2500	87.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 2000	87.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	87.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1500	87.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	87.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	87.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 900	87.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 800	87.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	87.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	87.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	87.0	99.2	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	87.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	87.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	87.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	87.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	87.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 247

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	72.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2000	74.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1800	74.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1600	74.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1400	76.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	76.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1000	76.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 900	76.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 800	76.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 700	76.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 600	76.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 500	80.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	80.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4000	86.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	86.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	88.0	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 5	GE 6	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	55.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE	20000	60.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE	18000	60.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE	16000	60.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE	14000	64.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE	12000	64.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE	10000	65.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE	9000	65.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE	8000	65.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE	7000	65.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE	6000	65.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE	5000	70.2	74.9	74.9	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE	4500	70.2	75.3	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE	4000	82.5	90.2	90.2	90.5	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE	3500	82.5	90.2	90.2	90.5	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE	3000	84.4	95.3	95.6	95.6	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	2500	84.7	95.6	96.0	96.0	96.4	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	2000	85.1	96.4	97.1	97.1	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	1800	85.1	96.4	97.1	97.1	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	1500	85.1	96.7	97.5	97.5	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	1200	85.5	97.5	98.2	98.2	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1000	85.5	98.2	98.2	98.5	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	900	85.5	97.5	98.2	98.2	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	800	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	85.5	98.2	98.9	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1200-1400

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	IN 10 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 10000	69.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	70.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	70.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	70.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	70.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	72.6	75.8	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	73.0	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4000	83.9	90.5	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	83.9	90.5	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	86.7	97.5	97.9	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	86.7	97.5	97.9	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	87.7	98.6	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0900-1100

CEILING	IN	VISIBILITY IN STATUTE MILES															
		GE FEET	10 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 20000	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14000	77.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	77.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 10000	78.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	78.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	78.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	78.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	78.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	79.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500	79.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4000	86.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	86.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	86.9	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	86.9	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	86.9	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	86.9	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	86.9	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	87.3	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0600-0800

CEILING	IN	VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	69.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2000	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	76.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 12000	76.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 10000	77.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	77.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	77.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000	77.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	77.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	81.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	81.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	87.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	87.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	87.8	97.3	97.6	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	88.1	97.6	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	88.4	98.0	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	88.4	98.0	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	88.4	98.0	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	88.4	98.0	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	88.4	98.0	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	88.4	98.0	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	88.4	98.3	98.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE D	88.4	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0300-0500

NO	CEIL	VISIBILITY IN STATUTE MILES																	
		IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1 1/4	0	
GE	20000	77.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE	18000	78.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
GE	16000	78.2	79.6	79.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
GE	14000	81.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE	12000	81.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE	10000	81.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE	9000	81.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE	8000	81.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE	7000	81.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE	6000	81.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE	5000	83.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
GE	4500	83.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
GE	4000	88.7	96.0	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE	3500	88.7	96.0	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE	3000	89.5	98.5	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE	2500	89.5	98.5	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE	2000	89.5	98.5	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE	1800	89.5	98.5	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE	1500	89.5	98.5	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE	1200	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	1000	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	900	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	800	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	700	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	600	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	500	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	400	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	300	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	200	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	0	89.8	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0000-0200

CEILING	IN	VISIBILITY IN STATUTE MILES																					
		10	GE	6	GE	5	GE	4	GE	3	GE	2 1/2	GE	2	1 1/2	1 1/4	1	GE	3/4	5/8	GE	1/2	5/16
NO CEIL	78.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 20000	79.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 18000	79.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	79.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 14000	83.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 12000	83.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	83.4	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	83.4	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000	83.4	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 7000	83.4	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	83.7	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 5000	85.2	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4500	85.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	90.1	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	90.1	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	90.5	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	90.5	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.5	98.2	98.9	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	90.5	98.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS/LST: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4
GE 20000	73.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 18000	73.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	73.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 14000	75.6	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	75.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 10000	75.8	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 9000	75.8	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 8000	75.8	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 7000	75.8	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 6000	75.8	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 5000	79.6	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 4500	79.6	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 4000	88.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
GE 3500	88.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
GE 3000	89.5	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
GE 2500	89.6	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9
GE 2000	89.7	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3
GE 1800	89.7	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3
GE 1500	89.7	98.5	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
GE 1200	89.7	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 1000	89.7	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 900	89.7	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 800	89.7	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 700	89.7	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 600	89.7	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 500	89.7	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0
GE 400	89.7	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	89.7	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	89.7	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	89.7	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 01	89.7	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2316

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 2100-2300

CEILING

IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE						
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		

NO	CEIL	76.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE	20000	77.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE	18000	77.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE	16000	77.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE	14000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	12000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	10000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	9000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	8000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	7000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	6000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	5000	82.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE	4500	82.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE	4000	89.1	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	3500	89.1	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	3000	89.5	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6
GE	2500	89.5	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE	2000	89.5	98.4	98.4	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1800	89.5	98.4	98.4	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1500	89.5	98.4	98.4	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1200	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	1000	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	900	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	800	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	700	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	600	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	500	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	400	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	300	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	200	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	100	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	0	89.5	98.8	98.8	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 256

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1800-2300

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	IN 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	74.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
GE 2000	75.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 18000	75.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 16000	75.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 14000	76.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 12000	76.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 10000	76.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 9000	76.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 8000	76.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 7000	76.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 6000	76.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 5000	79.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	
GE 4500	79.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	
GE 4000	86.2	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 3500	86.2	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 3000	87.2	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 2500	87.2	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 2000	87.2	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	
GE 1800	87.2	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	
GE 1500	87.2	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	
GE 1200	87.2	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 1000	87.2	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 900	87.2	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 800	87.2	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 700	87.2	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 600	87.2	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 500	87.2	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
GE 400	87.2	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 300	87.2	98.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 200	87.2	98.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 100	87.2	98.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 0	87.2	98.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0600-0800

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE	D	
NO CEIL	56.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	
GE 20000	63.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
GE 18000	63.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
GE 16000	63.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
GE 14000	72.4	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 12000	72.4	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 10000	73.4	77.8	77.8	77.8	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 9000	73.4	77.8	77.8	77.8	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 8000	73.4	77.8	77.8	77.8	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 7000	73.4	77.8	77.8	77.8	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 6000	73.4	77.8	77.8	77.8	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 5000	74.4	79.9	79.9	79.9	80.5	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 4500	74.4	80.2	80.2	80.2	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE 4000	79.2	88.4	88.4	88.4	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 3500	79.2	88.4	88.4	88.4	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 3000	81.6	96.6	96.6	96.6	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 2500	81.6	96.6	96.6	96.6	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 2000	81.6	96.6	96.9	96.9	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 1800	81.6	96.6	96.9	96.9	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 1500	81.6	96.6	96.9	96.9	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 1200	81.6	97.3	97.6	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 1000	81.6	97.3	97.6	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 800	81.6	97.3	97.6	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 700	81.6	97.3	97.6	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 600	81.6	97.3	97.6	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 500	81.6	97.3	97.6	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 400	81.6	98.0	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	
GE 300	81.6	98.0	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	
GE 200	81.6	98.0	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	
GE 100	81.6	98.0	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	
GE 0	81.6	98.0	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS . 293

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	52.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	
GE	20000	61.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
GE	18000	61.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
GE	16000	61.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
GE	14000	70.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
GE	12000	70.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
GE	10000	71.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE	9000	71.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE	8000	71.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE	7000	71.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE	6000	71.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	
GE	5000	73.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3	
GE	4500	73.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3	
GE	4000	79.3	88.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	
GE	3500	79.3	88.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	
GE	3000	81.3	95.0	95.7	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	
GE	2500	81.3	95.0	95.7	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	
GE	2000	81.3	96.3	97.0	97.0	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.7	
GE	1800	81.3	96.3	97.0	97.0	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.7	
GE	1500	81.3	96.3	97.0	97.0	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.7	
GE	1200	81.6	97.3	98.0	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.7	
GE	1000	81.6	97.3	98.0	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.7	
GE	900	81.6	97.3	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.7	
GE	800	81.6	97.3	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.7	
GE	700	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	
GE	600	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	
GE	500	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	
GE	400	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	
GE	300	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	
GE	200	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	
GE	100	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	
GE	0	81.6	97.7	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 1200-1400

TOTAL NUMBER OF OBSERVATIONS: 331

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 1500-1700

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	39.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
GE 20000	47.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 18000	47.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 16000	47.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 14000	57.7	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 12000	57.7	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 10000	59.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
GE 9000	59.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 8000	59.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 7000	59.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 6000	59.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
GE 5000	63.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GE 4500	64.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
GE 4000	74.2	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 3500	74.2	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 3000	75.8	94.6	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 2500	75.8	94.6	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 2000	75.8	96.6	96.6	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 1800	75.8	96.6	96.6	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 1500	75.8	97.3	97.3	97.3	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 1200	76.2	98.3	98.3	98.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 1000	76.2	98.3	98.3	98.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 900	76.2	98.3	98.3	98.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 800	76.2	98.3	98.3	98.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	76.2	98.7	98.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	54.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	
GE 20000	58.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
GE 18000	58.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
GE 16000	58.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
GE 14000	66.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
GE 12000	66.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
GE 10000	67.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 9000	67.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 8000	67.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 7000	67.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 6000	67.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 5000	71.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 4500	71.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 4000	76.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 3500	76.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 3000	78.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 2500	78.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 2000	78.7	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1800	78.7	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1500	78.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 1200	79.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 1000	79.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 900	79.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 800	79.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 700	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 500	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 400	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 200	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 0	79.1	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS: 331

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS/LIST: 2100-2300

CEILING

	IN	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 20000	67.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 18000	67.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 16000	67.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	72.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	72.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 10000	73.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	73.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	73.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	73.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	73.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	74.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	74.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	78.8	89.8	89.8	89.8	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	78.8	89.8	89.8	89.8	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	79.6	96.0	96.4	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	79.6	96.0	96.4	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	79.9	96.7	97.1	97.4	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	79.9	96.7	97.1	97.4	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	79.9	96.7	97.1	97.4	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	80.3	97.4	98.5	98.5	98.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): ALL

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	53.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
GE 20000	59.7	62.7	62.8	62.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	
GE 18000	59.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	
GE 16000	59.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	
GE 14000	68.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	
GE 12000	68.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	
GE 10000	69.0	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	
GE 9000	69.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	
GE 8000	69.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	
GE 7000	69.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	
GE 6000	69.1	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	
GE 5000	71.6	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	
GE 4500	71.7	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	
GE 4000	78.2	89.2	89.3	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	
GE 3500	78.2	89.2	89.3	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	
GE 3000	79.9	95.5	95.9	96.0	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	
GE 2500	80.0	95.6	95.9	96.1	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	
GE 2000	80.1	96.3	96.7	96.9	97.0	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	
GE 1800	80.1	96.3	96.7	96.9	97.0	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	
GE 1500	80.1	96.7	97.2	97.3	97.5	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	
GE 1200	80.4	97.5	98.1	98.2	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	
GE 1000	80.4	97.5	98.1	98.2	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	
GE 900	80.4	97.5	98.1	98.2	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	
GE 800	80.4	97.5	98.1	98.2	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	
GE 700	80.4	97.8	98.4	98.6	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	
GE 600	80.4	97.8	98.4	98.6	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	
GE 500	80.4	97.8	98.4	98.6	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	
GE 400	80.4	97.8	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	
GE 300	80.4	97.8	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	
GE 200	80.4	97.8	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	
GE 100	80.4	97.8	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	
GE 0	80.4	97.8	98.5	98.7	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2359

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	NO	VISIBILITY IN STATUTE MILES																	
		CEIL	58.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0			
GE 20000	63.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	63.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	63.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	68.0	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.3	76.3	76.3	76.3	76.3
GE 12000	68.0	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	69.1	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	69.4	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	69.4	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	69.4	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000	69.4	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	71.1	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	71.1	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	73.5	86.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	73.5	86.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	75.3	92.1	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	75.3	92.1	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	75.3	92.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	75.3	92.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	75.3	93.8	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	75.3	95.2	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	75.3	95.2	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	75.3	95.2	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	75.3	95.2	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	75.3	95.5	98.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE	0	
NO CEIL	50.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
GE 20000	56.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
GE 18000	56.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
GE 16000	56.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
GE 14000	64.5	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
GE 12000	64.5	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
GE 10000	65.9	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 9000	66.2	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 8000	66.2	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 7000	66.2	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 6000	66.2	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 5000	70.4	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
GE 4500	70.4	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 4000	74.2	86.8	88.5	88.5	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
GE 3500	74.2	86.8	88.5	88.5	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
GE 3000	76.3	93.0	95.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 2500	76.3	93.0	95.1	95.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 2000	76.3	93.4	95.5	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1800	76.3	93.4	95.5	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1500	76.7	94.1	96.5	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 1200	76.7	95.8	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 1000	76.7	95.8	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 900	76.7	95.8	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 800	76.7	95.8	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 700	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	76.7	96.5	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	43.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	
GE	20000	57.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
GE	18000	57.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
GE	16000	57.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
GE	14000	67.5	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
GE	12000	67.5	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
GE	10000	69.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE	9000	69.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE	8000	69.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE	7000	69.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE	6000	69.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE	5000	75.2	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2	83.2	83.2	
GE	4500	75.5	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.6	83.6	83.6	
GE	4000	79.7	90.6	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	
GE	3500	79.7	90.6	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	
GE	3000	81.1	94.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	
GE	2500	81.1	94.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	
GE	2000	81.5	94.4	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.5	
GE	1800	81.5	94.4	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.5	
GE	1500	81.5	94.4	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9	96.9	96.9	
GE	1200	81.8	94.8	96.2	96.9	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	
GE	1000	81.8	94.8	96.2	96.9	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	
GE	900	81.8	94.8	96.2	96.9	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	
GE	800	81.8	94.8	96.2	96.9	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	
GE	700	82.2	96.2	97.6	98.3	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE	600	82.2	96.2	97.6	98.3	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE	500	82.2	96.2	97.6	98.3	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	
GE	400	82.2	96.5	97.9	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE	300	82.2	96.5	97.9	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE	200	82.2	96.5	97.9	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE	100	82.2	96.5	97.9	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	
GE	0	82.2	96.5	97.9	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84

MONTH: NOV HOURS(LST): 0900-1100

CEILING	VISIBILITY IN STATUTE MILES																	
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	D	
NO CEIL	35.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	
GE 20000	48.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
GE 18000	48.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
GE 16000	48.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
GE 14000	62.2	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
GE 12000	62.2	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
GE 10000	64.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
GE 9000	64.3	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 8000	64.3	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 7000	64.3	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 6000	64.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
GE 5000	67.1	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 4500	67.5	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
GE 4000	74.5	89.5	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 3500	74.5	89.5	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 3000	76.6	93.7	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 2500	76.6	94.1	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 2000	76.9	94.4	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 1800	76.9	94.4	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 1500	76.9	94.4	95.5	95.5	95.5	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1200	77.3	96.2	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 1000	77.3	96.2	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 900	77.3	96.2	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 800	77.3	96.2	97.6	97.6	97.6	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 700	77.3	96.9	98.3	98.3	98.3	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 600	77.3	96.9	98.3	98.3	98.3	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 500	77.3	96.9	98.3	98.3	98.3	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	77.3	97.2	99.0	99.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	77.3	97.2	99.0	99.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	77.3	97.2	99.0	99.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	77.3	97.2	99.0	99.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	77.3	97.2	99.0	99.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84

MONTH: NOV HOURS(LST): 1200-1400

CEILING

IN FEET

GE 10  
6

GE 5  
4

GE 3  
2 1/2

GE 2  
1 1/2

GE 1  
1/4

GE 1  
3/4

GE 5/8

GE 1/2

GE 5/16

GE 1/4

GE 0

VISIBILITY IN STATUTE MILES

NO CEIL	28.3	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 20000	39.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 18000	39.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 16000	39.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 14000	50.7	61.4	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	51.0	61.7	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	52.8	64.8	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	53.1	65.2	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	53.1	65.2	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 7000	53.1	65.2	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	53.4	65.5	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	59.0	72.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	59.3	73.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	66.6	86.6	87.6	87.9	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	66.6	86.6	87.6	87.9	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	68.3	91.0	92.1	92.8	93.1	93.8	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	68.3	91.0	92.1	92.8	93.1	93.8	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	68.3	91.0	92.1	92.8	93.1	93.8	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	68.3	91.0	92.1	92.8	93.1	93.8	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	68.3	91.4	92.0	93.4	93.8	94.5	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	68.3	94.1	95.5	96.2	96.6	97.9	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	68.3	94.1	95.5	96.2	96.6	97.9	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	68.3	94.1	95.5	96.2	96.6	97.9	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	68.3	94.1	95.5	96.2	96.6	97.9	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	68.3	94.5	95.9	96.6	96.9	98.3	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	68.3	94.5	95.9	96.5	96.9	98.3	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	68.3	94.5	95.9	96.5	96.9	98.3	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	68.3	94.5	95.9	96.5	96.9	98.3	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.3	94.5	95.9	96.5	96.9	98.3	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.3	94.5	95.9	96.5	96.9	98.3	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.3	94.5	95.9	96.5	96.9	98.3	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	68.3	94.5	95.9	96.5	96.9	98.3	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR - FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 1500-1700

TOTAL NUMBER OF OBSERVATIONS: 284

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1 1/4	GE 0	
NO CEIL	43.5	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	
GE 20000	49.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
GE 18000	49.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
GE 16000	49.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
GE 14000	56.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
GE 12000	56.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
GE 10000	57.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
GE 9000	57.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
GE 8000	57.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
GE 7000	57.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
GE 6000	57.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
GE 5000	58.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
GE 4500	59.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GE 4000	65.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 3500	65.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 3000	67.3	90.8	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
GE 2500	67.3	90.8	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
GE 2000	67.3	91.2	91.5	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1800	67.3	91.2	91.5	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1500	67.3	92.2	92.5	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 1200	67.3	95.6	96.9	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 1000	67.3	95.6	96.9	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 900	67.3	95.6	96.9	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 800	67.3	95.6	96.9	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 700	67.3	96.3	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 600	67.3	96.3	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 500	67.3	96.3	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	67.3	96.6	98.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	67.3	96.6	98.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 200	67.3	96.6	98.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	67.3	96.6	98.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 01	67.3	96.6	98.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**SKY COVER**

919387 TAHITI ISLAND

76-85

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS:

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL HRS		
		1	2	3	4	5	6	7	8	9	10			
JAN 00-02	.3	16.5		15.2	11.1	6.7	8.4		10.8	14.8	16.2	5.7	297	
03-05		14.2		13.2	12.2	7.8	6.1		12.9	19.7	13.9	6.0	295	
06-08		7.1		15.2	12.8	7.4	9.1		13.9	20.9	13.5	6.3	296	
09-11		1.7		8.8	12.8	10.1	15.9		16.9	21.6	12.2	6.8	296	
12-14		.7		5.6	10.0	11.0	13.3		19.9	25.6	14.0	7.2	301	
15-17		1.0		8.5	10.5	8.5	13.6		15.3	26.8	15.9	7.1	295	
18-20		7.1		11.8	14.2	8.4	8.4		13.9	19.3	16.9	6.5	296	
21-23		11.9		14.5	13.8	11.2	7.8		9.7	15.6	15.6	5.9	269	
TOTALS		.0	7.5		11.6	12.2	8.9	10.3		14.2	20.5	14.8	6.4	2345

✓

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

<u>EIGHTS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10  
Scattered was converted to 3/10  
Broken was converted to 9/10  
Overcast was converted to 10/10  
Obscured was converted to 10/10

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-85  
MONTHS: ALL HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	1	55.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
GE 20000	1	62.6	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 18000	1	62.6	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 16000	1	62.6	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 14000	1	69.2	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	
GE 12000	1	69.2	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	
GE 10000	1	70.1	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	
GE 9000	1	70.2	77.6	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
GE 8000	1	70.2	77.6	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	
GE 7000	1	70.2	77.6	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	
GE 6000	1	70.3	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 5000	1	73.0	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
GE 4500	1	73.1	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 4000	1	77.6	89.7	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
GE 3500	1	77.6	89.7	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
GE 3000	1	78.7	93.8	94.6	94.8	95.0	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GE 2500	1	78.8	94.0	94.7	94.9	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	
GE 2000	1	78.9	94.5	95.3	95.6	95.9	96.3	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	
GE 1800	1	78.9	94.5	95.3	95.6	95.9	96.3	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	
GE 1500	1	79.0	95.0	95.9	96.2	96.5	96.9	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	
GE 1200	1	79.1	96.4	97.5	97.8	98.2	98.7	98.7	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	
GE 1000	1	79.1	96.4	97.5	97.8	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	
GE 900	1	79.1	96.4	97.5	97.8	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	
GE 800	1	79.1	96.4	97.5	97.8	98.3	98.8	98.8	99.0	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	
GE 700	1	79.2	96.6	97.5	97.8	98.1	98.6	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	
GE 600	1	79.2	96.6	97.8	98.1	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	
GE 500	1	79.2	96.6	97.8	98.1	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	
GE 400	1	79.2	96.6	97.8	98.2	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	
GE 300	1	79.2	96.6	97.8	98.2	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	
GE 200	1	79.2	96.6	97.8	98.2	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	
GE 100	1	79.2	96.6	97.8	98.2	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	
GE 01	1	79.2	96.6	97.8	98.2	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 27432

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 9193BD STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 20000	46.0	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 18000	46.0	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	46.0	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 14000	56.9	67.5	67.9	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	57.0	67.6	68.1	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	58.0	69.5	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	58.1	69.9	70.3	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	58.1	69.9	70.4	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	58.1	69.9	70.4	70.5	70.6	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	58.2	70.0	70.5	70.7	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	60.6	74.0	74.6	74.7	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	60.9	74.6	75.3	75.4	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	64.6	81.0	81.9	82.3	82.5	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	64.6	81.0	82.0	82.4	82.5	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	66.1	87.3	88.6	89.0	89.3	91.1	91.1	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	66.1	87.4	88.7	89.2	89.5	91.2	91.2	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	66.2	88.0	89.5	89.9	90.3	92.1	92.1	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	66.2	88.0	89.5	89.9	90.3	92.1	92.1	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	66.2	89.0	90.6	91.0	91.5	93.3	93.3	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	66.4	91.6	93.8	94.4	95.1	97.4	97.4	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	66.4	91.6	93.8	94.4	95.3	97.5	97.5	98.0	98.5	98.6	98.6	99.0	99.1	99.1	99.1	99.1
GE 900	66.4	91.6	93.8	94.4	95.3	97.5	97.5	98.0	98.5	98.6	98.6	99.0	99.1	99.1	99.1	99.1
GE 800	66.4	91.6	93.8	94.4	95.3	97.5	97.5	98.0	98.5	98.6	98.6	99.0	99.1	99.1	99.1	99.1
GE 700	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.8	99.9	99.9	99.9	99.9
GE 600	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0
GE 500	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0
GE 400	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0
GE 300	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0
GE 200	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0
GE 100	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0
GE 01	66.5	92.1	94.2	94.8	95.7	98.0	98.0	98.5	99.1	99.3	99.3	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2342

GLOBAL CLIMATOLOGY BRANCH  
USAF/EIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84

MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	47.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
GE 20000	51.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE 18000	51.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE 16000	51.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE 14000	59.4	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 12000	59.4	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 10000	60.5	69.0	69.0	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	
GE 9000	60.5	69.7	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
GE 8000	60.5	69.7	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
GE 7000	60.5	69.7	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
GE 6000	60.9	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
GE 5000	63.2	75.5	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	
GE 4500	63.2	75.5	76.2	76.2	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
GE 4000	67.8	82.4	83.1	83.5	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 3500	67.8	82.4	83.1	83.5	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 3000	68.2	87.0	88.1	88.5	89.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
GE 2500	68.2	87.4	88.5	88.9	89.7	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 2000	68.2	87.4	88.5	88.9	89.7	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 1800	68.2	87.4	88.5	88.9	89.7	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 1500	68.2	88.5	90.0	90.4	91.2	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 1200	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	68.2	91.6	94.3	94.6	95.8	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 261

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84

MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	39.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	45.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 18000	45.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 16000	45.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 14000	54.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	54.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	55.1	66.3	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	55.1	66.7	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	55.1	66.7	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	55.1	66.7	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	55.4	67.0	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	58.7	71.6	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	58.7	71.9	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	63.7	79.9	80.9	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	63.7	79.9	80.9	80.9	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3000	65.0	86.1	87.8	88.4	89.1	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	65.0	86.1	87.8	88.4	89.1	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	65.0	86.8	88.8	89.4	90.4	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	65.0	86.8	88.8	89.4	90.4	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	65.0	87.8	89.8	90.4	91.4	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	65.0	89.1	93.1	94.1	95.4	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	65.0	89.1	93.1	94.1	95.4	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	65.0	89.1	93.1	94.1	95.4	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	65.0	89.1	93.1	94.1	95.4	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	65.0	90.1	94.1	95.3	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	65.0	90.1	94.1	95.0	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	65.0	90.1	94.1	95.0	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	65.0	90.1	94.1	95.0	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	65.0	90.1	94.1	95.0	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	65.0	90.1	94.1	95.0	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	65.0	90.1	94.1	95.0	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 01	65.0	90.1	94.1	95.0	96.4	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 1500-1700

CEILING	IN	VISIBILITY IN STATUTE MILES														
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	24.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE	20000	33.1	38.2	38.2	38.2	38.2	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE	18000	33.1	38.2	38.2	38.2	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE	16000	33.1	38.2	38.2	38.2	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE	14000	47.3	61.5	61.5	61.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE	12000	48.0	62.2	62.2	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE	10000	49.0	64.2	64.2	64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE	9000	49.0	64.2	64.2	64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE	8000	49.0	64.2	64.2	64.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE	7000	49.0	64.2	64.2	64.5	64.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE	6000	49.0	64.2	64.2	64.5	64.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE	5000	51.7	67.9	67.9	68.2	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE	4500	52.4	69.3	69.3	69.6	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE	4000	57.4	77.7	78.0	78.4	78.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE	3500	57.4	77.7	78.0	78.4	78.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE	3000	59.8	86.1	86.8	87.2	87.5	88.9	88.9	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	2500	59.8	86.5	87.2	87.5	87.8	89.2	89.2	89.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE	2000	60.1	87.2	88.5	88.9	89.2	90.5	90.5	90.9	91.6	91.6	91.6	91.9	91.9	91.9	91.9
GE	1800	60.1	87.2	88.5	88.9	90.5	90.5	90.9	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9
GE	1500	60.1	87.8	89.2	89.5	89.9	91.2	91.2	91.6	92.2	92.2	92.2	92.6	92.6	92.6	92.6
GE	1200	60.5	90.5	92.2	92.6	93.2	94.6	94.6	94.9	96.3	96.3	96.3	97.3	97.3	97.3	97.3
GE	1000	60.5	90.5	92.2	92.6	93.6	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	900	60.5	90.5	92.2	92.6	93.6	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	800	60.5	90.5	92.2	92.6	93.6	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	700	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	600	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	500	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	400	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	300	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	200	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	100	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6
GE	01	60.5	91.9	93.6	93.9	94.9	94.9	94.9	95.3	96.6	96.6	96.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84

MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10 GE 6 5 4 GE 3 2 1/2 GE 2 1 1/2 1 1/4 GE 1 3/4 GE 5/8 GE 1/2 5/16 GE 1/4 GE 0																	
NO CEIL	26.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000	38.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 18000	38.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 16000	38.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	49.5	61.5	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	49.5	61.5	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	51.5	64.5	65.2	65.2	65.2	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	51.5	64.9	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	51.5	64.9	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	51.5	64.9	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	51.5	64.9	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 5000	53.8	68.2	68.9	68.9	68.9	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	54.2	68.9	69.6	69.6	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	59.9	76.9	77.6	77.9	77.9	78.3	78.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	59.9	77.3	77.9	78.3	78.3	78.6	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	62.9	86.3	87.0	87.3	87.3	89.0	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	62.9	86.3	87.0	87.3	87.3	89.0	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	63.2	87.6	88.3	88.6	88.6	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	63.2	87.6	88.3	88.6	88.6	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	63.2	89.3	90.0	90.3	90.3	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	63.9	92.3	93.3	93.6	94.0	96.0	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	63.9	92.3	93.3	93.6	94.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	63.9	92.3	93.3	93.6	94.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	63.9	92.3	93.3	93.6	94.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	63.9	92.6	93.6	94.0	94.3	96.3	96.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	GE 6	GE 5	GE 4	GE 3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	5/8	7/16	1/4	0
NO CEIL	37.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	47.6	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	47.6	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	47.6	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	62.5	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 12000	62.8	72.6	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	64.9	76.0	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 9000	65.2	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	65.2	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	65.2	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	65.2	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	65.9	77.7	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	66.2	78.4	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	68.9	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	68.9	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	69.6	90.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	69.6	90.5	91.6	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	69.9	90.9	92.2	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	69.9	90.9	92.2	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	69.9	91.6	93.2	93.6	93.9	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	70.3	93.2	95.3	95.9	96.3	97.6	97.6	97.6	97.6	98.0	98.3	98.3	98.6	98.6	98.6	98.6
GE 1000	70.3	93.2	95.3	95.9	96.6	98.0	98.0	98.0	98.0	98.3	98.6	98.6	99.0	99.3	99.3	99.3
GE 900	70.3	93.2	95.3	95.9	96.6	98.0	98.0	98.0	98.0	98.3	98.6	98.6	99.0	99.3	99.3	99.3
GE 800	70.3	93.2	95.3	95.9	96.6	98.0	98.0	98.0	98.0	98.3	98.6	98.6	99.0	99.3	99.3	99.3
GE 700	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 600	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 500	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 400	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 300	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 200	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 100	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0
GE 01	70.3	93.6	95.6	96.3	97.0	98.3	98.3	98.6	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.9	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 20000	50.9	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	50.9	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	50.9	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	64.8	73.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 12000	64.8	73.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	65.9	75.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	66.2	75.4	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	66.2	75.4	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5
GE 7000	66.2	75.4	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	66.2	75.8	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	68.3	78.5	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	68.6	79.2	80.2	80.9	81.2	81.2	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	69.6	82.3	83.3	84.3	84.6	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	69.6	82.3	83.3	84.3	84.6	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	71.0	87.7	89.1	90.1	90.4	92.2	92.2	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	71.0	87.7	89.1	90.4	92.2	92.2	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	71.0	88.1	89.4	90.8	92.5	92.5	92.8	93.2	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	71.0	88.1	89.4	90.8	92.5	92.5	92.8	93.2	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	71.0	88.7	90.1	91.1	91.5	93.2	93.2	94.2	94.5	94.9	94.9	95.9	95.9	95.9	95.9	95.9
GE 1200	71.0	91.5	92.8	93.9	94.2	95.9	95.9	97.3	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	71.0	91.5	92.8	93.9	94.2	95.9	95.9	97.3	97.6	98.0	98.0	99.0	99.0	99.0	99.0	99.0
GE 900	71.0	91.5	92.8	93.9	94.2	95.9	95.9	97.3	97.6	98.0	98.0	99.0	99.0	99.0	99.0	99.0
GE 800	71.0	91.5	92.8	93.9	94.2	95.9	95.9	97.3	97.6	98.0	98.0	99.0	99.0	99.0	99.0	99.0
GE 700	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	98.6	98.6	99.7	99.7	99.7	99.7
GE 600	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	99.0	99.0	100.0	100.0	100.0	100.0
GE 500	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	99.0	99.0	100.0	100.0	100.0	100.0
GE 400	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	99.0	99.0	100.0	100.0	100.0	100.0
GE 300	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	99.0	99.0	100.0	100.0	100.0	100.0
GE 200	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	99.0	99.0	100.0	100.0	100.0	100.0
GE 100	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	99.0	99.0	100.0	100.0	100.0	100.0
GE 0	71.3	92.2	93.5	94.5	94.9	96.6	96.6	96.6	98.0	98.3	99.0	99.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORDS: 75-84  
MONTH: DEC HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																			
IN	FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE	GE	GE	GE	0
NO	CEIL	44.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
GE	20000	48.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
GE	18000	48.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
GE	16000	48.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
GE	14000	57.3	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE	12000	57.3	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE	10000	57.6	69.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
GE	9000	57.6	70.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
GE	8000	57.6	70.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
GE	7000	57.6	70.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
GE	6000	57.6	70.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
GE	5000	61.4	75.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	
GE	4500	61.4	75.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE	4000	64.4	81.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
GE	3500	64.4	81.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
GE	3000	65.8	87.5	89.8	89.8	90.5	92.2	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE	2500	66.1	87.8	90.2	90.2	90.8	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE	2000	66.1	88.5	90.8	91.5	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE	1800	66.1	88.5	90.8	91.5	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE	1500	66.1	89.8	92.2	92.5	93.6	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE	1200	66.1	91.5	93.9	94.2	95.9	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	
GE	1000	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	
GE	900	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	
GE	800	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	
GE	700	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	
GE	600	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	
GE	500	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	
GE	400	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	
GE	300	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	
GE	200	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	
GE	0	66.1	91.5	93.9	94.2	96.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAIIII ISLAND

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 51.8	GE 54.5														
10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	51.8	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	54.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 18000	54.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 16000	54.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 14000	60.2	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 12000	60.2	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	60.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	60.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	60.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	60.2	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	60.2	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	62.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	62.9	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	65.2	82.9	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	65.2	82.9	84.3	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	66.6	87.3	88.6	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	66.6	87.3	88.6	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	66.6	87.6	89.0	89.3	89.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6
GE 1800	66.6	87.6	89.0	89.3	89.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6
GE 1500	66.6	88.3	90.0	90.3	90.3	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6
GE 1200	66.9	93.0	95.3	96.3	96.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 1000	66.9	93.0	95.3	96.3	96.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 900	66.9	93.0	95.3	96.3	96.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 800	66.9	93.0	95.3	96.3	96.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 700	66.9	93.0	95.3	96.3	96.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 600	66.9	93.0	95.3	96.0	96.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	66.9	93.0	95.3	96.0	96.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	66.9	93.0	95.3	96.0	96.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	66.9	93.0	95.3	96.0	96.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	66.9	93.0	95.3	96.0	96.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	66.9	93.0	95.3	96.0	96.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 0	66.9	93.0	95.3	96.0	96.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	41.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
GE 20000	50.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
GE 18000	50.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
GE 16000	50.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
GE 14000	59.5	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	
GE 12000	59.6	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	
GE 10000	61.3	70.3	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	
GE 9000	61.5	70.7	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	
GE 8000	61.5	70.7	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	
GE 7000	61.5	70.7	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	
GE 6000	61.6	70.8	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	
GE 5000	64.8	76.2	76.6	77.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	
GE 4500	65.1	76.6	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	
GE 4000	70.8	86.8	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	
GE 3500	70.8	86.8	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	
GE 3000	73.0	92.2	93.3	93.5	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	
GE 2500	73.0	92.3	93.3	93.5	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	
GE 2000	73.1	92.8	94.0	94.2	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 1800	73.1	92.8	94.0	94.2	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 1500	73.1	93.3	94.7	94.9	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	
GE 1200	73.2	95.4	97.1	97.5	97.9	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	
GE 1000	73.2	95.4	97.1	97.5	97.9	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 900	73.2	95.4	97.1	97.5	97.9	98.8	98.8	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 800	73.2	95.4	97.1	97.5	97.9	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 700	73.2	96.0	97.7	98.1	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
GE 600	73.2	96.0	97.7	98.1	98.6	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
GE 500	73.2	96.0	97.7	98.1	98.6	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
GE 400	73.2	96.2	97.9	98.3	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 300	73.2	96.2	97.9	98.3	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 200	73.2	96.2	97.9	98.3	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 100	73.2	96.2	97.9	98.3	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 0	73.2	96.2	97.9	98.3	98.8	99.3	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2283

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 919380 STATION NAME: TAHITI ISLAND

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS/LIST: 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	53.2	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 20000	58.5	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GE 18000	58.5	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GE 16000	58.5	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GE 14000	65.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
GE 12000	65.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GE 10000	66.8	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
GE 9000	66.8	75.5	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 8000	66.8	75.5	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 7000	66.8	75.5	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 6000	66.8	75.5	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 5000	67.9	80.4	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 4500	67.9	80.4	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
GE 4000	72.1	87.2	88.3	88.3	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 3500	72.1	87.2	88.3	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 3000	74.3	92.1	93.2	93.2	93.6	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 2500	74.3	92.1	93.2	93.2	93.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 2000	74.3	92.1	93.2	93.2	93.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 1800	74.3	92.1	93.2	93.2	93.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 1500	74.3	92.5	93.6	93.6	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 1200	74.3	95.1	97.0	97.4	97.7	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1000	74.3	95.1	97.0	97.4	97.7	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 900	74.3	95.1	97.0	97.4	97.7	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 800	74.3	95.1	97.0	97.4	97.7	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 700	74.3	95.1	97.0	97.4	97.7	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 600	74.3	95.1	97.0	97.4	97.7	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 500	74.3	95.1	97.0	97.4	97.7	98.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 400	74.3	95.5	97.4	97.7	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	74.3	95.5	97.4	97.7	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	74.3	95.5	97.4	97.7	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	74.3	95.5	97.4	97.7	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	74.3	95.5	97.4	97.7	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 265

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## SKY COVER

919380 TAHITI ISLAND  
STATION STATION NAME

76-85

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS,

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## SKY COVER

919380 TAHITI ISLAND

S:AT:ON

TAHITI ISLAND

SIAI DA NANG

76-85

MAR

**PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE OF TOTAL SKY COVER
		0	1	2	3	4	5	6	7	8	9	
MAR	00-02	27.9	19.8	13.4	8.4	9.1		8.4	6.0	7.0	4.3	29.8
	03-05	26.6	24.9	12.1	8.4	9.4		7.7	6.1	4.7	4.1	29.7
	06-08	13.6	17.9	16.9	9.0	10.0		12.6	14.0	6.0	5.3	30.1
	09-11	5.6	16.4	18.1	9.5	15.1		15.1	13.8	6.3	5.7	30.4
	12-14	2.4	7.5	15.1	16.4	15.1		18.8	18.2	6.5	6.4	29.2
	15-17	4.1	8.9	13.7	14.0	14.4		18.2	19.2	7.5	6.4	29.2
	18-20	16.5	22.8	16.5	10.2	10.6		6.6	9.6	7.3	4.8	30.3
	21-23	27.8	24.1	12.2	7.8	8.1		6.7	7.8	5.6	4.2	27.0
TOTALS		15.6	17.8	14.8	10.5	11.5		11.8	11.8	6.4	5.2	23.57

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

**SKY COVER**

919380

## TAHITI ISLAND

76-85

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LSTI	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF S	
		0	1	2	3	4	5	6	7	8	9			
APR	00-02	26.8		19.7	19.2	6.4	9.5		7.5	11.2	4.7	4.4	295	
	03-05	25.9		20.8	12.8	9.9	4.7		8.4	12.4	5.1	4.5	274	
	06-08	4	14.1	14.1	13.4	11.0	9.9		13.1	18.0	6.0	5.5	283	
	09-11	5.6		14.9	17.7	12.8	10.1		15.3	18.1	5.6	5.9	288	
	12-14	2.1		11.7	11.7	12.4	15.5		18.9	20.3	7.6	6.5	291	
	15-17	3.1		11.9	11.2	10.5	16.8		17.5	21.3	7.7	6.5	286	
	18-20	16.8		20.9	16.4	11.0	8.6		10.6	9.2	6.5	4.8	292	
	21-23	28.6		18.7	11.5	7.6	7.6		11.5	8.8	5.7	4.4	262	
TOTALS		1	15.9		16.6	13.6	10.2	10.3		12.9	19.9	6.1	5.3	2271

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## SKY COVER

919380 TAHITI ISLAND

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## TAHITI ISLAND

STATION NAME

76-85

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MAY

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**PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF READINGS
		0	1	2	3	4	5	6	7	8	9		
MAY	00-02	28.9		20.6	13.0	6.0	8.3		9.6	12.3	1.3	4.2	301
	03-05	27.7		22.3	13.7	9.6	7.9		7.9	9.9	1.0	4.1	292
	06-08	14.6		21.5	11.3	10.3	10.9		13.9	16.9	.7	5.1	302
	09-11	10.7		14.8	16.1	13.4	14.8		15.8	12.4	2.0	5.3	298
	12-14	4.0		15.7	15.7	10.7	16.7		19.0	16.7	1.7	5.9	300
	15-17	6.0		14.7	13.7	12.0	16.4		15.4	19.7	2.0	5.8	299
	18-20	24.3		24.0	11.7	9.0	10.3		7.7	11.3	1.7	4.3	300
	21-23	32.6		20.3	12.0	8.3	6.9		8.3	11.2	.4	4.0	276
TOTALS		18.6		19.2	13.4	9.9	11.5		12.2	13.8	1.4	4.8	2368

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC**

## **SKY COVER**

9193d0 TAHITI ISLAND

**STATION** \_\_\_\_\_ **STATION NAME** \_\_\_\_\_

75-84

JUN

**PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS LST:	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF TOTAL SKY COVER	
		0	1	2	3	4	5	6	7	8	9		
JUN	00-02	95.7		15.6	9.2	4.3	6.4		5.7	9.9	3.2	3.6	282
	03-05	48.9		14.6	12.1	6.1	5.7		3.9	6.1	2.5	3.2	280
	06-08	31.1		17.6	9.7	9.3	6.9		12.8	10.7	1.7	4.3	289
	09-11	20.8		23.2	12.3	7.4	10.2		11.6	13.7	.7	4.6	284
	12-14	12.7		18.8	16.1	12.0	10.6		14.4	13.7	1.7	5.1	292
	15-17	14.9		18.5	14.9	8.9	12.8		17.1	9.6	3.2	5.1	281
	18-20	34.8		23.7	10.5	7.3	6.3		4.9	7.0	5.6	3.8	287
	21-23	37.1		25.8	5.7	5.7	7.0		5.7	7.9	5.2	3.8	229
TOTALS		30.8		19.7	11.3	7.6	8.2		9.5	9.8	3.0	4.2	2224

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SKY COVER

919380 TAHITI ISLAND

STATION

## TAHITI ISLAND

STAT ON NAME

75-84

JUL

**PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS COVERED	
		0	1	2	3	4	5	6	7	8	9		
JUL	00-02	42.8		16.5	11.5	9.4	4.3		8.3	5.0	2.2	3.4	278
	03-05	39.9		18.1	9.4	9.8	4.3		7.6	7.2	3.6	3.7	276
	06-08	26.2		22.8	11.0	9.7	5.9		10.7	10.0	3.8	4.4	290
	09-11	17.4		21.8	15.4	11.1	9.4		10.4	10.4	4.0	4.7	298
	12-14	14.0		21.5	16.7	13.8	7.8		7.8	15.4	3.8	5.0	293
	15-17	14.9		22.1	15.6	13.8	9.0		8.7	13.5	2.4	4.8	289
	18-20	34.1		20.1	10.9	7.5	7.5		7.8	8.5	3.4	3.9	293
	21-23	40.9		20.1	11.6	6.2	4.2		4.2	10.4	2.3	3.5	259
TOTALS		28.8		20.4	12.8	10.1	6.6		8.2	10.1	3.2	4.2	2276

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SKY COVER

919380 TAHITI ISLAND

## TAHITI ISLAND

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**PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS ILST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		
AUG	00-02	42.9	14.2	11.1	6.1	8.1			7.1	6.4	4.1	3.6	296
	03-05	41.5	17.4	10.8	9.8	4.9			7.7	7.0	1.0	3.5	287
	06-08	30.4	13.9	19.6	10.8	9.8			7.1	7.4	1.0	4.0	296
	09-11	19.9	20.6	20.3	12.2	9.5			9.8	6.8	1.0	4.3	296
	12-14	12.3	24.5	12.6	8.9	14.2			15.6	9.9	2.0	5.0	302
	15-17	15.9	22.0	16.2	12.2	11.1			10.8	10.1	1.7	4.7	296
	18-20	30.0	24.0	14.0	9.0	5.0			6.3	6.0	5.7	3.9	300
	21-23	43.0	19.9	8.6	7.4	5.1			5.1	8.6	2.3	3.5	256
TOTALS		29.5	19.6	14.2	9.6	8.5			8.7	7.6	2.5	4.1	2329

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## SKY COVER

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## TAHITI ISLAND

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**PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF SIGHTINGS
		0	1	2	3	4	5	6	7	8	9		
SEP	00-02	43.9		17.5	10.2	8.8	5.3		3.2	7.0	4.2	3.4	285
	03-05	43.0		19.4	10.0	5.0	3.9		4.7	9.0	5.0	3.6	279
	06-08	30.2		19.0	12.9	8.5	7.5		9.5	9.5	3.1	4.2	295
	09-11	13.2		20.9	22.3	10.8	7.0		11.5	10.5	3.8	4.9	287
	12-14	8.7		19.1	16.7	12.5	11.8		13.2	13.5	4.5	5.4	288
	15-17	11.0		19.9	14.6	9.3	12.5		12.1	15.7	5.0	5.4	281
	18-20	30.0		23.8	11.7	7.6	4.5		9.3	9.3	3.8	4.1	290
	21-23	35.2		19.2	10.8	8.8	5.2		6.4	11.2	3.2	4.0	250
TOTALS		26.9		19.9	13.7	8.9	7.2		8.7	10.7	4.1	4.4	2255

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SKY COVER

919380 TAHITI ISLAND STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9		
01-02	26.5	19.5	12.3	7.6	9.9				7.9	12.3	4.0	4.5	302
03-05	22.1	16.4	13.1	10.4	9.4				10.4	15.1	3.0	4.8	298
06-08	16.6	15.2	15.5	9.5	12.2				11.8	14.5	4.7	5.2	296
09-11	4.7	15.9	17.3	15.0	13.6				12.0	17.3	4.3	5.7	301
12-14	3.9	12.5	11.5	10.5	17.4				17.1	20.4	6.6	6.3	304
15-17	5.3	12.0	9.3	12.3	14.3				19.3	23.7	3.7	6.3	300
18-20	15.5	21.1	8.6	12.2	10.2				11.2	18.2	3.0	5.2	303
21-23	20.1	22.3	17.2	9.9	7.3				4.7	13.1	5.5	4.6	274
TOTALS		14.3	16.9	13.1	10.9	11.6			11.8	16.8	4.4	5.3	2378

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## SKY COVER

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**PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF TOTAL SKY COVER
		0	1	2	3	4	5	6	7	8	9	
DEC 00-02		17.8	14.5	10.9	9.6	7.6		6.9	15.8	16.8	5.6	303
03-05		12.0	14.0	10.0	9.0	9.7		13.4	17.1	14.7	6.1	299
06-08		9.8	8.8	13.1	8.8	10.1		14.8	17.8	16.8	6.4	297
09-11		2.4	12.8	12.1	10.8	11.1		17.8	17.2	15.8	6.7	297
12-14		1.7	6.0	13.0	7.4	11.7		20.4	24.1	15.7	7.2	299
15-17		1.3	4.0	11.1	8.7	13.4		18.1	25.5	17.8	7.3	298
18-20		7.6	14.9	8.3	11.2	9.2		11.9	17.5	19.5	6.4	303
21-23		17.0	12.9	8.3	9.5	10.6		10.2	16.7	14.8	5.8	264
TOTALS		8.7	11.0	10.9	9.4	10.4		14.2	19.0	16.5	6.4	2360

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STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												MEAN PERCENTAGE OF TOTAL SKY COVER	TOTAL NUMBER OF OBS.
		0	1	2	3	4	5	6	7	8	9	10			
JAN	ALL	7.5	11.6	12.2	8.9	10.3			14.2	20.5	14.8	6.4	2345		
FEB		10.8	14.4	14.7	11.6	10.3			12.5	14.5	11.3	5.7	2125		
MAR		15.6	17.8	14.8	10.5	11.5			11.8	11.8	6.4	5.2	2357		
APR	.1	15.4	16.6	13.6	10.2	10.3			12.9	14.9	6.1	5.3	2271		
MAY		18.6	19.2	13.4	9.9	11.5			12.2	13.8	1.4	4.8	2368		
JUN		30.8	19.7	11.3	7.6	8.2			9.5	9.8	3.0	4.2	2224		
JUL		28.8	20.4	12.8	10.1	6.6			8.2	10.1	3.2	4.2	2276		
AUG		29.5	19.6	14.2	9.6	8.5			8.7	7.8	2.4	4.1	2329		
SEP		26.9	19.9	13.7	8.9	7.2			8.7	10.7	4.1	4.4	2255		
OCT		14.3	16.9	13.1	10.9	11.8			11.8	16.8	4.4	5.3	2378		
NOV		9.2	12.2	11.0	10.6	11.2			15.5	21.1	9.3	6.2	2293		
DEC		8.7	11.0	10.9	9.4	10.4			14.2	19.0	16.5	6.4	2360		
TOTALS	.0	18.0	16.6	13.0	9.9	9.8			11.7	14.2	6.9	5.2	27581		

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)  
b. Daily LOW temperatures (for available observations)  
c. Daily mean temperatures (high + low temperatures divided by two)
2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This summary has been temporarily discontinued for the LISUS pending the completion of RUSWAT-2 in mid 1986.

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3. Means and standard deviations--these tables are derived from available hourly observations and present the mean, standard deviation, and total number of observations for 3-hour groups, by month, and annual and again at the bottom for all hours combined. Quantities for all groups combined are presented in the following three tables: DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--this summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

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## RELATIVE HUMIDITY

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STATION

TAHITI ISLAND

STATION NAME

75-84

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MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	95%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.7	97.9	78.6	15.2	85.0	290	
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.1	21.7	86.0	286	
	06-08	100.0	100.0	100.0	100.0	99.7	96.9	64.1	15.3	3.5	73.7	287	
	09-11	100.0	100.0	100.0	100.0	99.7	94.4	92.5	8.7	2.1	70.7	287	
	12-14	100.0	100.0	100.0	100.0	100.0	88.6	37.7	10.7	1.7	69.7	289	
	15-17	100.0	100.0	100.0	100.0	100.0	92.9	61.0	19.1	3.9	73.6	282	
	18-20	100.0	100.0	100.0	100.0	100.0	99.3	86.7	45.1	7.2	79.4	293	
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	97.4	66.8	12.1	82.9	265	
TOTALS		100.0	100.0	100.0	100.0	99.9	96.4	73.4	40.6	8.4	77.6	2279	

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## **RELATIVE HUMIDITY**

**919380**

## TAHITI ISLAND

STATION NAME

75-84

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.7	96.3	64.8	9.4	82.5	298
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.6	72.4	14.6	84.0	294
	06-08	100.0	100.0	100.0	100.0	99.7	93.9	61.5	12.5	3.4	72.6	296
	09-11	100.0	100.0	100.0	100.0	98.3	84.8	36.4	7.7	1.7	69.1	297
	12-14	100.0	100.0	100.0	100.0	98.3	85.5	29.0	7.6	2.3	68.1	303
	15-17	100.0	100.0	100.0	100.0	99.0	88.6	51.7	14.4	.7	71.4	298
	18-20	100.0	100.0	100.0	100.0	100.0	97.3	80.7	33.6	4.0	77.0	301
	21-23	100.0	100.0	100.0	100.0	100.0	98.5	93.4	53.8	7.3	80.9	273
<b>TOTALS</b>		100.0	100.0	100.0	100.0	99.8	93.5	68.6	33.4	5.4	75.7	2360

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## **RELATIVE HUMIDITY**

**919380** TAHITI ISLAND STATION NAME  
STATION

75-84

PERIOD

**SEP**  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.3	95.4	74.1	8.9	83.1	282
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	96.1	79.2	11.8	83.8	279
	06-08	100.0	100.0	100.0	100.0	99.7	91.1	63.5	12.6	3.1	72.7	293
	09-11	100.0	100.0	100.0	100.0	98.6	83.9	27.4	5.6	1.1	67.5	285
	12-14	100.0	100.0	100.0	100.0	97.2	74.9	19.2	2.8	1.8	65.4	287
	15-17	100.0	100.0	100.0	100.0	98.9	87.8	46.4	7.2	1.4	70.0	278
	18-20	100.0	100.0	100.0	100.0	99.7	97.9	81.9	29.6	4.2	77.1	287
	21-23	100.0	100.0	100.0	100.0	100.0	98.8	91.6	62.7	4.8	81.2	249
TOTALS		100.0	100.0	100.0	100.0	99.3	91.6	65.2	34.2	4.5	75.1	2240

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## **RELATIVE HUMIDITY**

**919380** **TAHITI ISLAND** **STATION** **STATION NAME**

75-84

**AUG**  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	95%		
AUG	00-07	100.0	100.0	100.0	100.0	100.0	99.0	93.9	69.2	5.1	82.0	295	
	03-05	100.0	100.0	100.0	100.0	99.6	98.9	96.1	72.3	8.4	83.0	285	
	06-08	100.0	100.0	100.0	100.0	100.0	95.2	62.5	17.4	1.4	73.1	293	
	09-11	100.0	100.0	100.0	100.0	96.2	72.0	22.2	4.1	1.9	65.7	293	
	12-14	100.0	100.0	100.0	100.0	97.7	66.2	19.1	4.0	1.0	64.7	299	
	15-17	100.0	100.0	100.0	100.0	100.0	84.2	38.7	8.2	1.7	68.8	292	
	18-20	100.0	100.0	100.0	100.0	100.0	97.6	84.1	32.2	2.7	76.9	295	
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	92.6	60.2	4.7	80.7	256	
TOTALS		100.0	100.0	100.0	100.0	99.2	89.1	63.7	33.5	3.3	74.4	2308	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

✓  
**RELATIVE HUMIDITY**

919380 TAHITI ISLAND STATION NAME

75-84

PERIOD

JUL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JUL	00-02	100.0	100.0	100.0	100.0	100.0	98.6	94.2	72.1	8.7	83.1	276	
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	92.7	74.1	12.4	83.6	274	
	06-08	100.0	100.0	100.0	100.0	100.0	96.9	79.9	30.6	4.2	76.8	288	
	09-11	100.0	100.0	100.0	100.0	98.0	79.1	31.1	5.7	2.0	67.8	296	
	12-14	100.0	100.0	100.0	99.7	97.9	78.4	24.7	7.3	1.7	67.1	287	
	15-17	100.0	100.0	100.0	100.0	98.9	91.2	52.6	7.7	1.1	70.9	285	
	18-20	100.0	100.0	100.0	100.0	100.0	98.0	88.7	43.3	2.7	78.7	293	
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	91.7	67.2	5.9	82.0	253	
TOTALS		100.0	100.0	100.0	100.0	99.8	92.6	69.5	38.5	4.8	76.3	2252	

**GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC**

## **RELATIVE HUMIDITY**

919380 TAHITI ISLAND

STATION

## TAHITI ISLAND

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**STATION NAME**

75-84

PERIOD

JUN

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.6	96.1	77.5	13.9	84.6	280
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	93.5	77.3	14.7	84.5	278
	06-08	100.0	100.0	100.0	100.0	100.0	98.6	86.8	31.9	3.8	77.6	288
	09-11	100.0	100.0	100.0	100.0	97.2	79.5	33.6	5.7	1.1	67.6	283
	12-14	100.0	100.0	100.0	100.0	96.6	76.9	23.1	5.2	1.7	66.5	290
	15-17	100.0	100.0	100.0	100.0	99.6	90.6	56.5	12.0	2.9	72.1	276
	18-20	100.0	100.0	100.0	100.0	100.0	99.3	98.8	52.3	4.2	79.9	283
	21-23	100.0	100.0	100.0	100.0	100.0	98.7	93.8	72.4	11.6	82.9	225
TOTALS		100.0	100.0	100.0	100.0	99.2	92.9	71.8	51.8	6.7	77.0	2203

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

✓  
**RELATIVE HUMIDITY**

**919380** STATION **TAHITI ISLAND** STATION NAME

**76-85**

PERIOD

**MAY** MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.0	85.0	15.6	86.1	301
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.5	18.0	86.4	289
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	88.4	31.8	2.6	77.8	302
	09-11	100.0	100.0	100.0	100.0	99.3	92.9	37.4	5.4	1.7	69.7	297
	12-14	100.0	100.0	100.0	100.0	99.3	89.7	29.7	6.3	1.0	68.5	300
	15-17	100.0	100.0	100.0	100.0	99.7	95.0	67.6	14.4	1.7	73.5	299
	18-20	100.0	100.0	100.0	100.0	100.0	99.0	95.0	58.5	3.0	80.8	301
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.4	78.0	10.3	84.4	273
<b>TOTALS</b>		100.0	100.0	100.0	100.0	99.8	97.0	76.8	45.9	6.7	78.4	2362

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

## **RELATIVE HUMIDITY**

919380  
STATION

## **TAHITI ISLAND**

**STATION** **STATION NAME**

16-85

PERIOD

APR  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.3	82.0	15.9	85.3	295
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	86.8	23.4	86.9	273
	06-08	100.0	180.0	100.0	100.0	100.0	99.3	82.8	29.0	5.0	77.0	279
	09-11	100.0	100.0	100.0	100.0	100.0	95.4	38.9	8.8	3.2	71.0	285
	12-14	100.0	100.0	100.0	100.0	100.0	92.7	36.4	18.1	2.1	69.8	286
	15-17	100.0	100.0	100.0	100.0	100.0	96.5	60.8	16.6	3.2	73.7	283
	18-20	100.0	180.0	100.0	100.0	100.0	99.7	94.2	52.6	6.5	80.9	291
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	97.7	76.8	10.3	83.8	262
TOTALS		100.0	100.0	100.0	100.0	100.0	97.9	76.1	45.2	8.7	78.6	2259

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## **RELATIVE HUMIDITY**

919380  
STATION

## TAHITI ISLAND

**STATION NAME**

76-85

PERIOD

MAR  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.0	81.5	11.7	84.6	298
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	87.8	13.2	86.0	296
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	76.6	15.7	4.3	75.3	299
	09-11	100.0	100.0	100.0	100.0	100.0	95.7	35.2	9.0	2.7	70.5	301
	12-14	100.0	100.0	100.0	100.0	100.0	90.3	25.2	10.7	3.4	68.9	290
	15-17	100.0	100.0	100.0	100.0	99.7	97.2	47.6	14.2	3.8	71.9	288
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	93.7	43.0	6.3	79.6	300
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.4	71.0	7.8	82.6	269
TOTALS		100.0	100.0	100.0	100.0	100.0	97.7	71.7	41.6	6.7	77.4	2391

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

## **RELATIVE HUMIDITY**

919383  
STATION

## TAHITI ISLAND

STATION NAME

76-85

PERIOD

**FEB**  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.3	81.3	10.6	85.0	273
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	87.4	14.9	86.1	261
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	83.2	26.0	4.4	76.6	273
	09-11	100.0	100.0	100.0	100.0	100.0	96.9	41.4	13.7	5.1	71.9	256
	12-14	100.0	100.0	100.0	100.0	100.0	94.0	32.1	12.3	3.8	70.3	268
	15-17	100.0	100.0	100.0	100.0	99.6	97.3	49.6	15.9	3.8	72.7	264
	18-20	100.0	100.0	100.0	100.0	100.0	99.6	92.5	43.7	4.9	79.8	268
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	96.7	80.6	5.8	83.3	242
TOTALS		100.0	100.0	100.0	100.0	100.0	98.3	74.3	45.1	6.6	78.2	2105

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

## **RELATIVE HUMIDITY**

919380 TAHITI ISLAND

**— STATION**

**STATION NAME**

76-85

PERIOD

JAN

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.3	80.8	15.8	84.9	297
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	98.6	82.0	18.4	85.7	294
	06-08	100.0	100.0	100.0	100.0	100.0	97.3	74.8	24.8	6.8	76.2	294
	09-11	100.0	100.0	100.0	100.0	100.0	97.3	46.8	14.2	6.1	72.3	295
	12-14	100.0	100.0	100.0	100.0	100.0	92.0	46.8	17.1	6.7	72.0	299
	15-17	100.0	100.0	100.0	100.0	99.3	94.9	55.3	19.5	4.8	73.3	293
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	90.4	43.0	8.9	79.9	293
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.8	65.8	11.5	82.9	269
TOTALS		100.0	100.0	100.0	100.0	99.9	97.6	76.0	43.4	9.9	78.4	2334

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

919380 TAHITI ISLAND

75-85

HRS LST	STATION	STATION NAME												YEARS
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
00-02	MEAN	71.7	72.2	72.1	71.7	70.5	67.6	66.4	65.5	66.7	68.4	70.1	71.2	69.5
	S D	2.203	2.284	2.305	2.589	2.766	3.885	3.614	3.938	3.242	3.367	2.769	2.382	3.809
	TOTAL OBS	297	273	298	295	301	280	276	295	282	298	290	301	3486
03-05	MEAN	71.4	71.8	71.6	71.4	69.8	66.9	66.0	65.0	66.2	68.0	69.5	70.8	69.1
	S D	2.495	2.172	2.256	2.562	2.838	3.864	3.703	3.922	3.403	3.467	2.897	2.493	3.867
	TOTAL OBS	294	261	296	273	289	278	274	285	279	294	286	296	3405
06-08	MEAN	72.7	73.4	73.0	72.6	71.5	68.7	67.4	66.4	67.9	69.7	71.3	72.4	70.6
	S D	2.327	2.266	2.281	2.426	2.657	3.599	3.622	3.920	3.391	3.350	2.676	2.268	3.767
	TOTAL OBS	294	273	299	279	302	288	288	293	293	296	287	293	3485
09-11	MEAN	73.9	74.6	74.5	74.1	72.7	69.9	68.8	67.6	69.2	70.8	72.3	73.3	71.8
	S D	2.205	2.192	2.218	2.478	2.688	3.740	3.799	4.198	3.362	3.528	2.624	2.399	3.842
	TOTAL OBS	295	256	301	285	297	283	296	293	285	297	287	293	3468
12-14	MEAN	74.8	75.4	75.3	74.8	73.7	70.8	69.8	68.6	69.9	71.7	73.0	74.2	72.7
	S D	2.499	2.390	2.412	2.517	2.685	3.841	3.658	4.084	3.298	3.535	2.863	2.463	3.841
	TOTAL OBS	299	268	290	286	300	290	287	299	287	303	289	298	3496
15-17	MEAN	73.3	74.2	73.9	73.7	72.3	69.7	68.6	67.6	68.9	70.2	71.8	73.0	71.9
	S D	2.582	2.352	2.262	2.561	2.747	3.665	3.846	3.977	3.505	3.439	2.796	2.407	3.787
	TOTAL OBS	293	264	288	283	299	276	285	292	278	298	282	293	3431
18-20	MEAN	72.8	73.5	73.9	72.8	71.3	68.7	67.6	66.8	68.1	69.5	71.2	72.2	70.7
	S D	2.472	2.404	2.129	2.510	2.665	3.614	3.679	4.004	3.520	3.516	2.897	2.433	3.809
	TOTAL OBS	293	268	300	291	301	283	293	295	287	301	293	302	3507
21-23	MEAN	72.2	72.7	72.5	72.2	70.7	68.0	66.9	66.1	67.4	68.9	70.5	71.7	70.0
	S D	2.306	2.344	2.173	2.601	2.675	3.939	3.670	3.846	3.346	3.404	2.730	2.338	3.767
	TOTAL OBS	269	242	269	262	273	225	253	256	249	273	265	265	3101
ALL HOURS	MEAN	72.8	73.5	73.3	72.9	71.6	68.8	67.7	66.7	68.1	69.7	71.2	72.3	70.7
	S D	2.617	2.572	2.532	2.761	2.967	3.945	3.888	4.143	3.581	3.629	2.971	2.619	3.974
	TOTAL OBS	2334	2105	2341	2254	2362	2203	2252	2308	2240	2360	2279	2341	27379

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

919380 TAHITI ISLAND

75-85

HRS LST		STATION NAME												YEARS
		JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	
10-02	MEAN	73.3	73.7	73.8	73.3	72.0	69.3	68.3	67.5	66.6	70.4	71.7	72.7	71.2
	S D	1.907	2.008	1.956	2.241	2.441	3.360	2.984	3.301	2.679	2.885	2.293	1.988	3.360
	TOTAL OBS	297	273	298	295	301	280	276	295	282	298	290	301	3486
03-05	MEAN	72.9	73.2	73.1	72.8	71.2	68.6	67.9	66.9	68.0	69.8	71.0	72.3	70.6
	S D	2.187	1.982	2.028	2.251	2.561	3.356	3.080	3.315	2.924	2.997	2.388	2.174	3.443
	TOTAL OBS	294	261	296	273	289	278	274	285	279	294	286	296	3405
06-08	MEAN	75.2	75.9	75.6	75.1	73.8	71.3	70.0	69.6	71.2	72.9	74.2	76.9	73.3
	S D	1.857	1.897	1.681	1.888	2.054	2.832	2.773	2.981	2.451	2.450	2.816	1.779	3.112
	TOTAL OBS	294	273	299	279	302	288	288	293	293	296	287	293	3485
09-11	MEAN	76.8	77.5	77.6	77.2	76.1	73.7	72.7	71.9	73.1	74.3	75.6	76.2	75.2
	S D	1.883	1.862	1.738	1.951	1.944	2.594	2.713	2.960	2.452	2.572	2.009	1.942	2.953
	TOTAL OBS	295	256	301	285	297	283	296	293	285	297	287	293	3468
12-14	MEAN	77.8	78.4	78.6	78.0	77.2	74.8	73.7	73.0	74.0	75.3	76.3	77.2	76.2
	S D	2.139	2.125	1.956	2.018	1.998	2.745	2.703	2.870	2.408	2.592	2.196	1.952	2.985
	TOTAL OBS	299	268	290	286	300	290	287	299	287	303	289	298	3496
15-17	MEAN	76.2	77.1	76.9	76.5	75.2	73.0	72.1	71.4	72.5	73.5	74.7	75.7	74.6
	S D	2.067	2.065	1.771	1.970	1.899	2.617	2.759	2.910	2.542	2.381	2.804	1.939	2.958
	TOTAL OBS	293	264	288	283	299	276	285	292	278	298	282	293	3431
18-20	MEAN	74.9	75.5	75.5	74.8	73.0	71.0	70.0	69.5	70.7	72.1	73.5	74.3	72.9
	S D	1.945	2.049	1.610	2.012	2.110	2.968	2.886	3.134	2.703	2.674	2.153	1.913	3.165
	TOTAL OBS	293	268	300	291	301	283	293	295	287	301	293	302	3507
21-23	MEAN	79.0	79.4	79.4	79.9	72.4	70.0	69.0	68.3	69.5	71.0	72.0	73.4	71.9
	S D	1.976	1.996	1.772	2.107	2.256	3.206	2.947	3.133	2.654	2.791	2.224	1.943	3.246
	TOTAL OBS	269	242	269	262	273	225	253	256	249	273	265	265	3101
ALL HOURS	MEAN	75.1	75.7	75.7	75.2	73.9	71.5	70.5	69.8	71.0	72.4	73.7	74.6	73.3
	S D	2.564	2.658	2.549	2.706	2.904	3.607	3.489	3.694	3.303	3.233	2.781	2.550	3.650
	TOTAL OBS	2334	2105	2341	2254	2362	2203	2252	2308	2240	2360	2279	2341	27379

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

919380 TAHITI ISLAND

75-85

HRS INT	STATION	STATION NAME												YEARS
		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	
0-02		76.6	77.0	77.1	76.4	74.9	72.5	71.8	71.2	72.0	74.1	74.8	75.8	74.5
	SD	2.247	2.076	2.095	2.266	2.415	3.145	2.887	3.102	2.610	2.851	2.219	2.087	3.253
	TOTAL OBS	297	273	298	295	301	283	277	296	283	301	291	301	3496
03-05		75.9	76.1	76.1	75.5	74.1	71.8	71.3	70.3	71.3	73.1	73.9	75.1	73.7
	SD	2.382	2.241	2.158	2.236	2.551	3.351	2.987	3.190	2.922	2.812	2.220	2.193	3.300
	TOTAL OBS	295	262	296	273	291	279	274	286	279	296	287	296	3414
06-08		80.9	81.5	81.5	80.5	78.9	76.2	75.1	75.6	77.4	79.4	80.5	80.6	79.0
	SD	2.733	2.467	1.851	2.270	1.985	2.512	2.427	2.431	2.269	2.419	2.331	2.613	3.247
	TOTAL OBS	296	274	300	280	303	288	291	295	295	296	287	295	3500
09-11		83.8	84.8	85.2	84.6	83.7	81.7	80.5	80.2	81.0	82.0	82.9	83.1	82.8
	SD	3.227	3.148	2.600	2.854	2.153	2.217	2.552	2.359	2.352	2.627	2.297	3.102	3.096
	TOTAL OBS	295	259	303	287	297	284	297	294	287	299	290	294	3486
12-14		85.0	86.2	86.8	85.9	85.3	83.3	81.9	81.8	82.7	83.4	84.0	84.4	84.2
	SD	3.816	3.575	3.255	3.059	2.375	2.765	2.898	2.403	2.753	2.794	2.947	3.181	3.392
	TOTAL OBS	300	270	292	290	300	292	290	302	288	304	290	298	3516
15-17		82.8	84.0	84.1	83.0	81.6	79.5	78.9	78.7	79.7	80.4	81.1	81.9	81.3
	SD	3.212	3.365	2.857	2.552	1.829	2.215	2.283	2.424	2.422	2.269	2.427	3.111	3.167
	TOTAL OBS	294	265	289	284	299	281	288	296	280	299	282	295	3452
18-20		79.5	80.2	80.2	79.2	77.7	75.3	74.7	74.5	75.8	77.2	78.1	78.8	77.6
	SD	2.441	2.368	1.793	2.162	2.037	2.465	2.369	2.418	2.341	2.326	2.114	2.222	3.014
	TOTAL OBS	294	269	301	292	302	284	294	299	289	301	293	303	3521
21-23		77.8	78.1	78.2	77.5	75.7	73.5	72.7	72.3	73.5	75.1	76.0	77.1	75.7
	SD	2.191	2.208	1.904	2.085	2.322	2.821	2.549	2.834	2.448	2.605	2.116	2.051	3.129
	TOTAL OBS	269	243	269	262	275	228	258	257	250	273	266	265	3115
ALL HOURS	MEAN	80.3	81.0	81.2	80.3	79.0	76.9	76.0	75.7	76.8	78.1	78.9	79.6	78.7
	SD	4.279	4.460	4.372	4.374	4.490	4.873	4.640	4.815	4.704	4.409	4.240	4.160	4.856
	TOTAL OBS	2340	2115	2348	2263	2368	2219	2269	2325	2251	2369	2286	2347	27500

✓  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

919380 TAHITI ISLAND STATION NAME

75-84 PERIOD

DEC MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.7	83.7	15.9	85.4	3
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.6	86.1	19.9	86.5	2
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.6	75.1	24.9	5.5	76.2	2
	09-11	100.0	100.0	100.0	100.0	99.7	94.2	51.2	15.4	5.1	72.7	2	
	12-14	100.0	100.0	100.0	100.0	100.0	91.9	44.3	14.8	4.0	71.6	2	
	15-17	100.0	100.0	100.0	100.0	100.0	95.6	63.5	22.9	6.5	74.7	2	
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	92.1	47.0	8.6	80.3	3	
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	97.7	70.9	12.5	83.4	2	
	TOTALS	100.0	100.0	100.0	100.0	100.0	97.5	77.5	45.7	9.8	78.9	23	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATR WEATHER SERVICE/MAC

✓  
**RELATIVE HUMIDITY**

919380  
STATION

TAHITI ISLAND

STATION NAME

75-85

PERIOD

ALL  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	97.6	76.0	43.4	9.9	78.4	2334
FEB		100.0	100.0	100.0	100.0	100.0	98.3	74.3	45.1	6.6	78.2	2105
MAR		100.0	100.0	100.0	100.0	100.0	97.8	71.7	41.6	6.7	77.4	2341
APR		100.0	100.0	100.0	100.0	100.0	97.9	76.1	45.2	8.7	78.6	2254
MAY		100.0	100.0	100.0	100.0	99.8	97.0	76.8	45.9	6.7	78.4	2362
JUN		100.0	100.0	100.0	100.0	99.2	92.9	71.8	41.8	6.7	77.0	2203
JUL		100.0	100.0	100.0	100.0	99.4	92.6	69.5	38.5	4.8	76.3	2252
AUG		100.0	100.0	100.0	100.0	99.2	89.1	63.7	33.5	3.3	74.4	2308
SEP		100.0	100.0	100.0	100.0	99.3	91.6	65.2	34.2	4.5	75.1	2290
OCT		100.0	100.0	100.0	100.0	99.4	93.5	68.6	33.4	5.4	75.7	2360
NOV		100.0	100.0	100.0	100.0	99.9	96.4	73.4	40.6	8.4	77.6	2279
DEC		100.0	100.0	100.0	100.0	100.0	97.5	77.5	45.7	9.8	78.9	2341
TOTALS		100.0	100.0	100.0	100.0	99.7	95.2	72.1	40.7	6.8	77.2	27379

✓  
OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

## PART 5

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

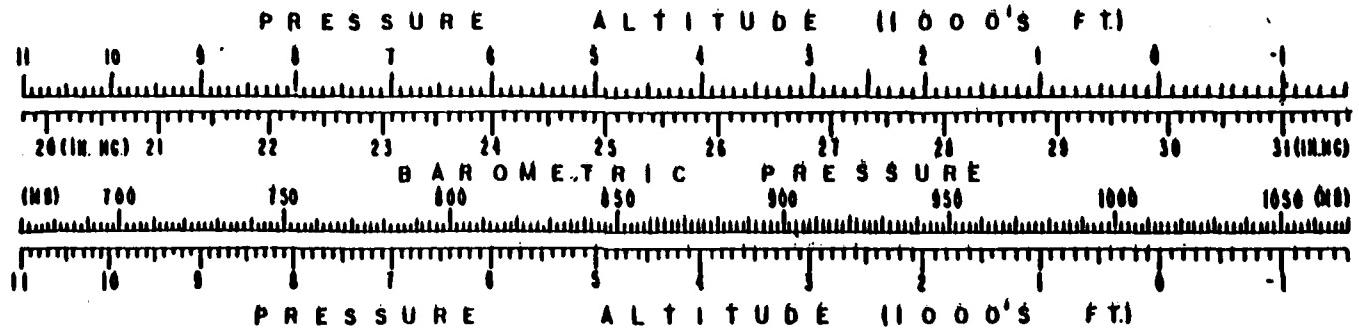
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

919380 TAHITI ISLAND

75-85

STATION	STATION NAME		YEARS												
			JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
02		MEAN	1010.2	1010.5	1010.5	1011.2	1012.6	1013.4	1013.7	1014.2	1014.1	1012.7	1011.1	1009.8	1012.0
		SD	2.583	2.874	2.218	2.294	1.831	1.996	2.205	2.064	1.826	1.754	1.924	2.508	2.681
		TOTAL OBS	297	272	298	293	297	282	279	295	281	302	292	300	3488
03		MEAN	1010.3	1010.5	1010.4	1010.9	1012.3	1013.0	1013.1	1013.8	1013.9	1012.8	1011.2	1010.0	1011.8
		SD	2.603	2.856	2.210	2.626	1.827	1.897	2.188	2.102	1.871	1.773	1.947	2.554	2.629
		TOTAL OBS	295	262	296	272	289	277	276	286	278	295	287	298	3411
04		MEAN	1011.6	1011.9	1011.9	1012.4	1013.7	1014.4	1014.7	1015.4	1015.6	1014.6	1012.7	1011.3	1013.3
		SD	2.638	2.960	2.118	1.990	1.860	1.869	2.174	2.084	1.887	1.742	1.951	2.569	2.633
		TOTAL OBS	296	275	300	283	303	286	290	296	295	294	287	296	3501
11		MEAN	1011.4	1011.6	1011.6	1012.3	1013.7	1014.5	1014.7	1015.5	1015.4	1014.1	1012.2	1011.0	1013.2
		SD	2.633	2.840	2.211	2.339	1.786	1.818	2.099	1.954	1.823	1.768	1.921	2.568	2.673
		TOTAL OBS	295	258	302	287	298	284	296	295	287	301	290	295	3488
14		MEAN	1010.1	1010.1	1009.9	1010.5	1011.8	1012.6	1012.8	1013.5	1013.5	1012.4	1010.6	1009.7	1011.5
		SD	2.575	2.875	2.174	2.135	1.768	1.786	2.072	1.940	1.804	1.710	1.981	2.568	2.543
		TOTAL OBS	299	269	293	289	300	292	290	302	288	304	292	299	3517
17		MEAN	1009.7	1009.9	1009.7	1010.5	1011.8	1012.6	1012.8	1013.3	1013.4	1012.5	1010.6	1009.4	1011.3
		SD	2.540	2.768	2.196	2.042	1.761	1.805	2.083	1.978	1.763	1.705	1.973	2.542	2.566
		TOTAL OBS	294	262	292	286	298	281	288	296	281	300	283	296	3457
20		MEAN	1011.2	1011.2	1011.1	1011.8	1013.2	1013.9	1014.0	1014.7	1014.9	1013.7	1012.2	1010.9	1012.7
		SD	2.621	2.811	2.177	2.127	1.763	1.807	2.062	2.021	1.792	1.719	1.982	2.586	2.574
		TOTAL OBS	295	267	302	291	302	287	294	300	289	303	293	301	3524
27		MEAN	1011.7	1011.8	1011.6	1012.1	1013.4	1014.1	1014.4	1015.2	1015.2	1014.0	1012.5	1011.3	1013.1
		SD	2.670	2.823	2.180	2.169	1.807	1.873	2.051	2.055	1.817	1.818	1.971	2.551	2.576
		TOTAL OBS	269	243	269	263	275	228	258	255	250	274	267	265	3116
ALL HOURS		MEAN	1010.8	1010.9	1010.8	1011.4	1012.8	1013.5	1013.8	1014.6	1014.5	1013.3	1011.7	1010.4	1012.9
		SD	2.705	2.939	2.314	2.342	1.948	1.994	2.246	2.172	1.999	1.923	2.096	2.650	2.716
		TOTAL OBS	2340	2108	2352	2264	2362	2217	2271	2325	2249	2373	2291	2350	27502

END  
DATE  
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